

# LIFE

**MONTY'S OUTSPOKEN STORY**  
**TRIUMPHS, BLUNDERS OF WORLD WAR II**  
**BITTERSWEET WORLD OF GROWING UP**

FIELD MARSHAL  
THE VISCOUNT MONTGOMERY  
OF ALAMEIN, K.G.



OCTOBER 13, 1958 **25** CENTS



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"Barclay 21" above and lower right, 21" (overall diagonal), 262 sq. in. picture area.



"Gramercy 17"—17" (overall diagonal)—155 sq. inches of viewable area.



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Fits anywhere a washer will

Washes and dries in as little as an hour

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Today, after years of painstaking research and development, there is a combination washer-dryer that costs less than many washers alone.

Only 26 3/4 inches wide, the amazing Duomatic gives you the washing power and speed of a separate washer *plus* the drying power and safety of a separate dryer. All in one full-capacity combination that fits anywhere a washer will. Just look at what you get for your Duomatic dollar.

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**8-lb. capacity**—washes and dries family-sized wash loads with ease.

**Trouble-free construction**—Duomatic parts must pass "life" tests equal to ten years' use. One-year warranty.

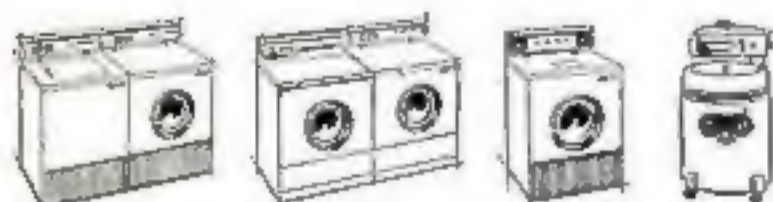
See the wonderful Philco Duomatic at your Philco dealer today.



MODEL CE-782

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**\$369<sup>95</sup>**  
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# THEN, NOW, ALWAYS— PEOPLE MAKE HISTORY



MONTGOMERY OF ALAMEIN



DAWKINS OF WEST POINT

"Time present and time past are both perhaps present in time future." T. S. Eliot, elder statesman of English poetry, could have been commenting on the current issue of LIFE when he wrote that. We might add that all times are most clearly interpreted by their people, who are constantly revealed in life and in LIFE.

For instance there were the priests of Tikal (pp. 84-96), the lost Maya city which scientists are now retrieving from the choking rain forest of Guatemala. They were scientists of the past who reached out into the future and conceived ideas which even today excite contemporary man. And now, scientists of the present (pp. 49-53) are reaching out into our future by learning how to live like the men of tomorrow.

Elsewhere in the issue a great general who has had much to do with

defending our modern world and preserving it for the future looks back over his astonishing career for the future lessons it holds. He is Field Marshal Viscount Montgomery of Alamein. Meanwhile at West Point, a 20-year-old all-round phenomenon is preparing himself for a military role in the years ahead. He is Cadet Pete Dawkins, who has all the makings of a great future general.

What's to come is also the business of a man newly given one of the world's biggest jobs—Frederic G. Donner, chief of General Motors (pp. 99-102). The decisions he makes will be around us in the near future, from the shape of our new cars to the shape of our economy.

But the people—more than any city, corporation or financial system—write history and can give us a hint of things to come more interestingly and more truly. The civilians of Quemoy (pp. 28-33)—especially the children, to whom our hearts go out—could, alas, be living through a prelude to worse things for us all. The French, in France and overseas, from Parisians to Berbers, are embarking on a promising era (pp. 36-39).

Closer to home, and more personally, the human heart can be warmed by the ever-present sight of children growing up. We don't think anyone can remain uncharmed and pessimistic after Wayne Miller's candid photographic essay on the woes and triumphs of youthful awakening (pp. 111-120), true now and for the future. Things really can be pretty good.



QUEMOY BOY



AMERICAN GIRL



MAN OF MAYA



MODERN SCIENTIST

## COVER

Viscount Montgomery of Alamein, wearing his field marshal's uniform and an array of campaign ribbons and decorations, sits at his SHAPE office desk. The great British general's memoirs begin in this issue (see pp. 58-82)

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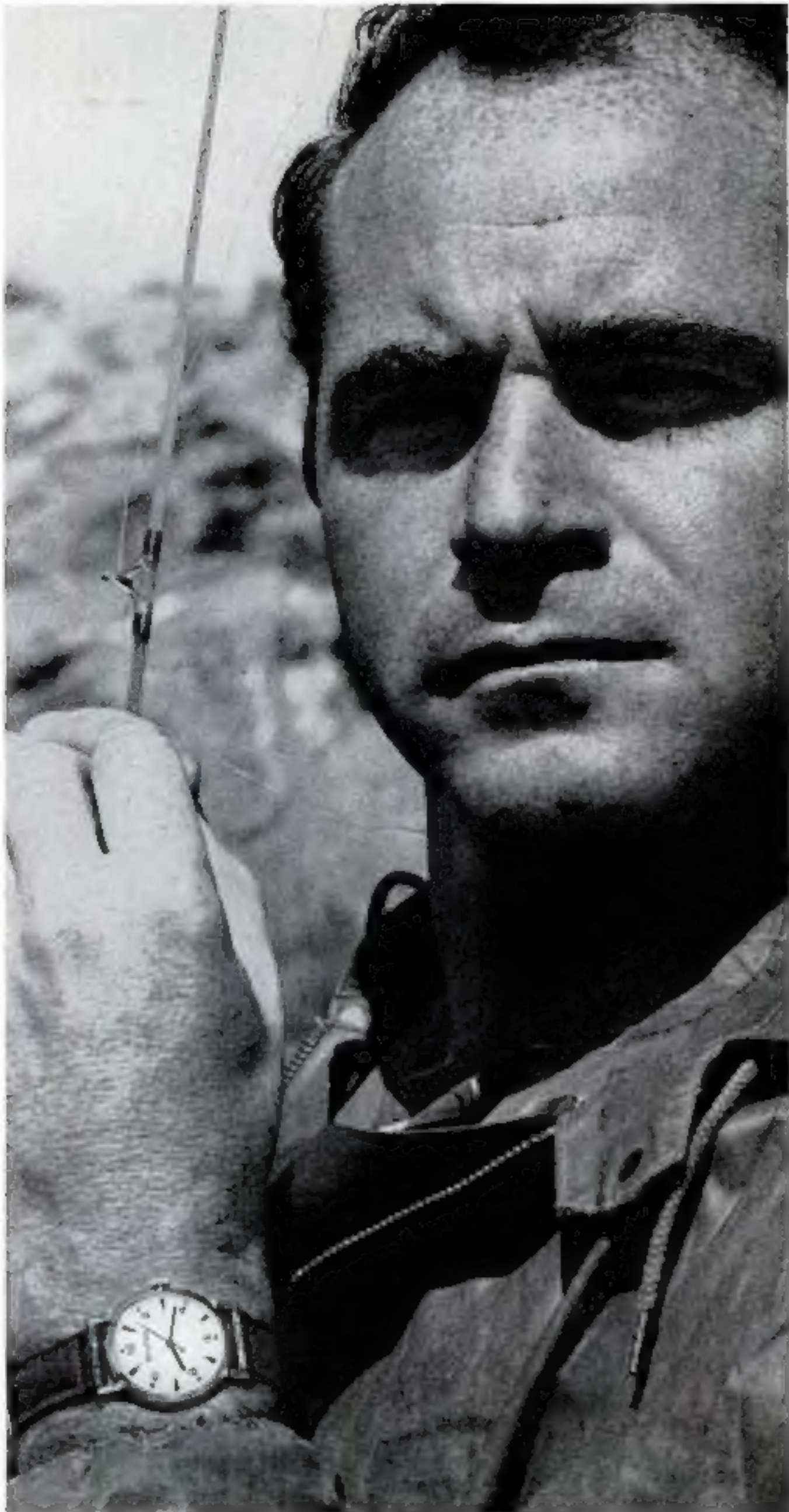
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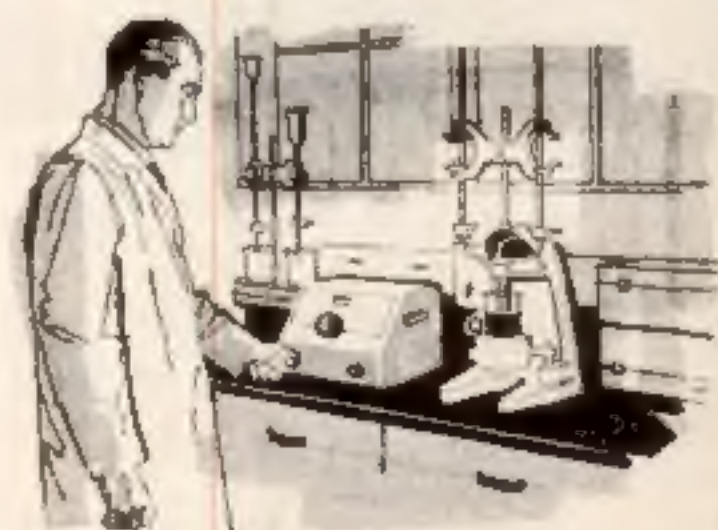
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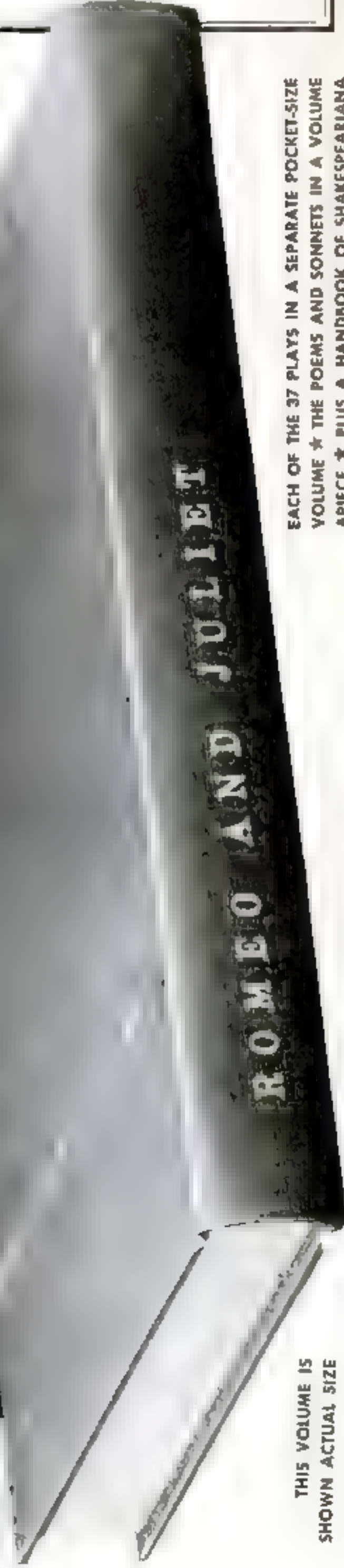
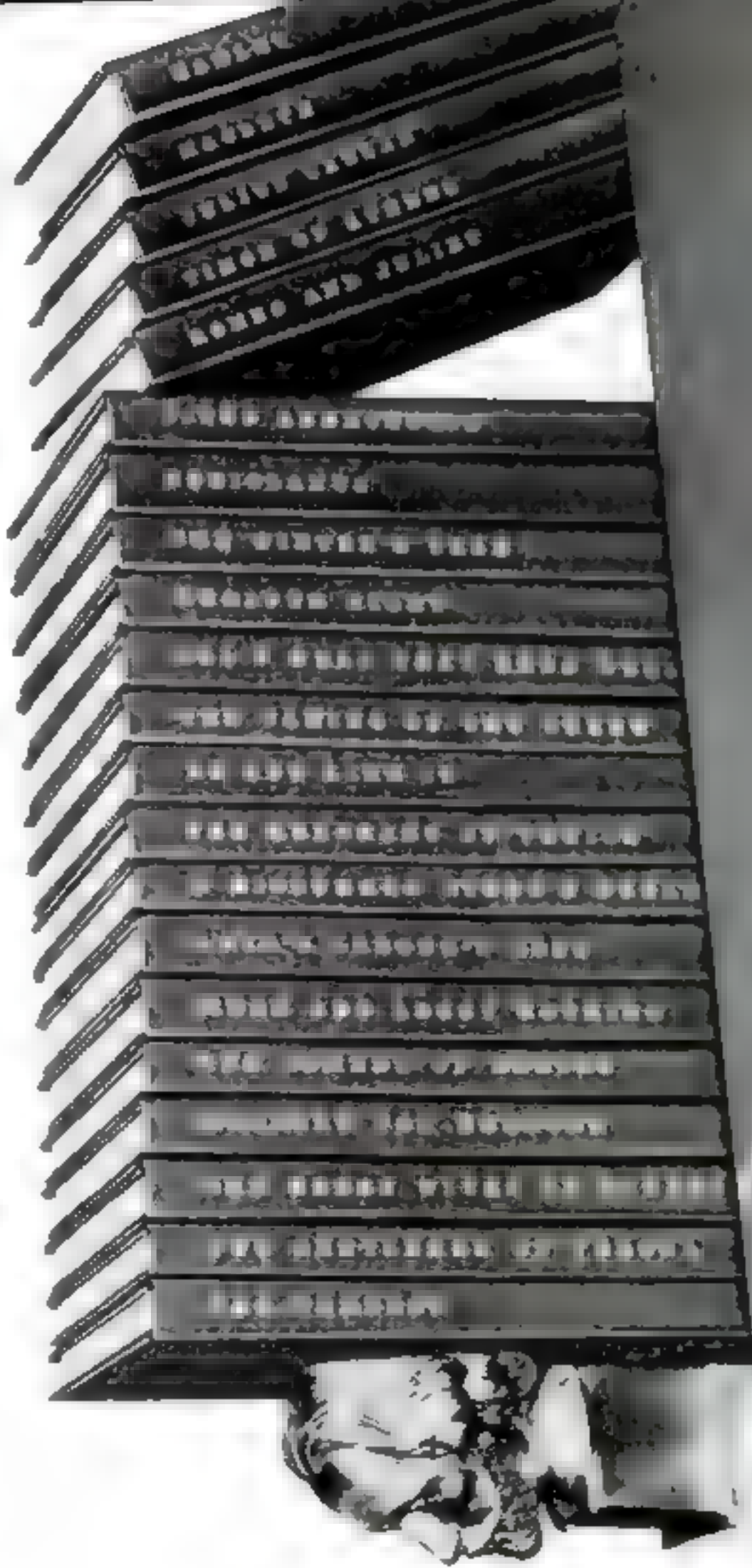
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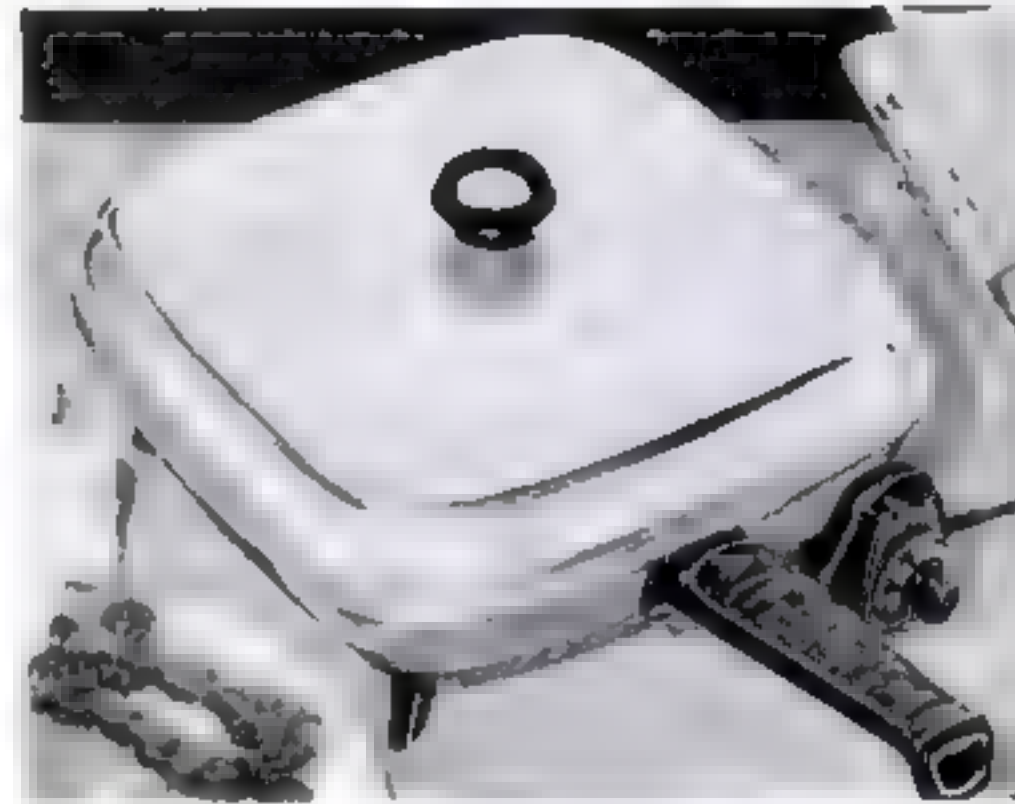
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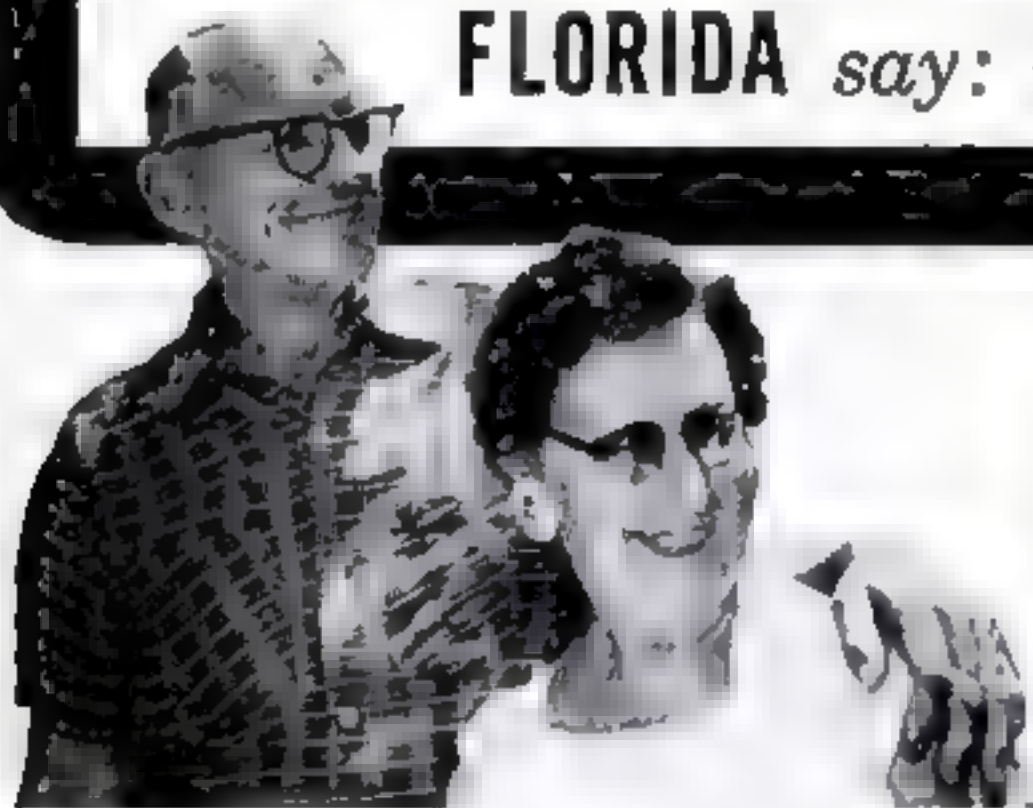
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# RETIRING NOW OR IN THE NEAR FUTURE?

Read what Mr. and Mrs. Connell of PORT CHARLOTTE, FLORIDA say: "It's so easy to own your own home in this marvelous community. We toured all of Florida before deciding to retire to Port Charlotte and haven't had a single regret since."



The Connells are typical of Port Charlotte's many retired couples who chose to begin a new life with fresh interests, instead of retiring "from life". Living at Port Charlotte, on Florida's unspoiled Southwest Coast, isn't "rocking chair seclusion" — it's a vibrant life for you in a thriving, growing community where you can enjoy Florida's many pleasures at your own leisurely pace.

This new retirement idea — offering the ultimate in fine living — is made possible by the experience and foresight of the famous Mackle brothers, who have achieved nationwide recognition for the award-winning retirement communities they have planned and built in Florida.

It is because of their expert knowledge and long-range planning that you'll find this inviting community of attractive homes in such a perfect setting. Warmed in winter, cooled in summer by balmy breezes from the Gulf of Mexico, Port Charlotte enjoys a perfect year 'round climate.

Hundreds of happy folks living here now in attractive Mackle-built homes are enjoying the best in modern suburban living... paved streets and sidewalks, shops, parks, playgrounds, civic center, sandy beaches, city water and sewers.

Excellent professional services and churches in nearby Punta Gorda offer additional attractions to Port Charlotte... America's most talked about community!



Pictured here is the Georgian Harbor with 2 bedrooms, 1 bath, living room, dining room, Florida room, storage room, kitchen and carport. Sale Price, \$12,400. Monthly payments, \$76. FHA Down Payment, \$400.

**CHOOSE  
FROM  
10 MODELS  
—  
10  
PRICES**

**Low FHA Down Payments from \$210**

Monthly Payments as little as . . . . . include: principal, interest, taxes and insurance.

Sale Prices start at . . . . . \$6,960 and include: (1) A minimum 75' x 100' lot on high, dry ground. (2) Paved streets and sidewalks. (3) Sanitary water and sewers. (4) Masonry construction. (5) Walls and ceiling plastered. (6) Factory-built kitchen cabinets. All Mackle-built homes are FHA inspected and you can qualify, regardless of age, with an income as low as \$185 a month.

The nationally famous Mackle Company was selected by General Development Corp. — owners of the property — to develop Port Charlotte because of their outstanding reputation gained through 50 years of building experience in Florida. This, plus a full year warranty, is your guarantee that you can buy with confidence, knowing you'll receive quality workmanship and top materials in any Port Charlotte home.



Sunning and swimming are year 'round pleasures on Port Charlotte's broad, sandy beach.

SEND THIS COUPON TODAY for your free 20-page Port Charlotte booklet in full color! See pictures, prices and floor plans of all 10 model homes available and learn how easy it is to own your own home in Port Charlotte. GENERAL DEVELOPMENT CORPORATION, Miami, Fla.



Port Charlotte from the air displays the expert planning of this community — the proximity to Main West Coast Highway U.S. 41.



PORT CHARLOTTE DIVISION  
General Development Corp.  
P.O. Box 45-465, Miami, Florida

Dept. LI-108

Please send me without obligation on my part the 20-page color booklet with pictures and full information on Port Charlotte.

NAME . . . . .

Address . . . . .

City . . . . . Zone . . . . . State . . . . .

Telephone Number . . . . .





COPACABANA'S NEW DANCING GIRLS ARE (FROM LEFT) FERRY McDERMOTT, 18, GLORIA CURTIS, 25, LYNNE GALVIN, 19, ELAINE SMITH, 20, DEBBIE LAWRENCE, 19, ANNE

SPEAKING  
OF PICTURES

# Youngest Chorus Line





SHIRLEY, 18, VALERIE CROFT, 19, LEILA CROFT, 19, AND LISA BARRY, 20. CROFTS ARE TWINS FROM ENGLAND. OTHERS ARE AMERICANS FROM NORTHEAST AND SOUTH

As they stood before a staid cast-iron gate across the street from where they work, they made as toothsome a nudesome as could ever be glimpsed anywhere. Recruited by New York's Copacabana nightclub for its new fall show, the girls make up

the youngest (average age: 19) chorus line to kick at the Copa in years. The senior member, Gloria Curtis, is 25, so much older than the others that they call her 'Mother Superior.' With a few exceptions the nine girls, who work eight at a time

so one is always on her day off, are newcomers to show business—mostly models and beauty winners (Terry McDermott, for instance, was Miss 70th Division Tank Battalion). For a closer look at one of them, a 33-20-33 19-year-old, turn page.





"Scoops and scoops of flavor come in  
**BORDEN'S HALF-GALLONS!**"

*says Elsie, the Borden Cow*

And you never know when you and your family will get that irresistible craving for flavor-y, savory Borden's Ice Cream. So be ready for anything! Get generous, thrifty half-gallons at your neighborhood store. Look for Borden's Ice Cream sign.

If it's ***Borden's***  
it's got to be good!



Half gallons of Borden's Ice Cream are available the year 'round.

See Borden's TV show "Fury" over NBC. ©1955, The Borden Company

YOUNGEST CHORUS CONTINUED

## A teen-age Copa girl



**BACKSTAGE AT COPA** Lynne Galvin fixes hair. A model of junior fashions, she has won 20 odd beauty titles like Miss Subways and Miss Lions Club.



**IN CHORUS LINE** Lynne flounces her skirts. At home in Bay Shore, L.I., she led school drum and bugle corps, won medals for twirling burning batons.





Light and mild as a cigarette...

mellow and satisfying as a cigar...

the best of both rolled into one

## Robt. Burns *Cigarillos*

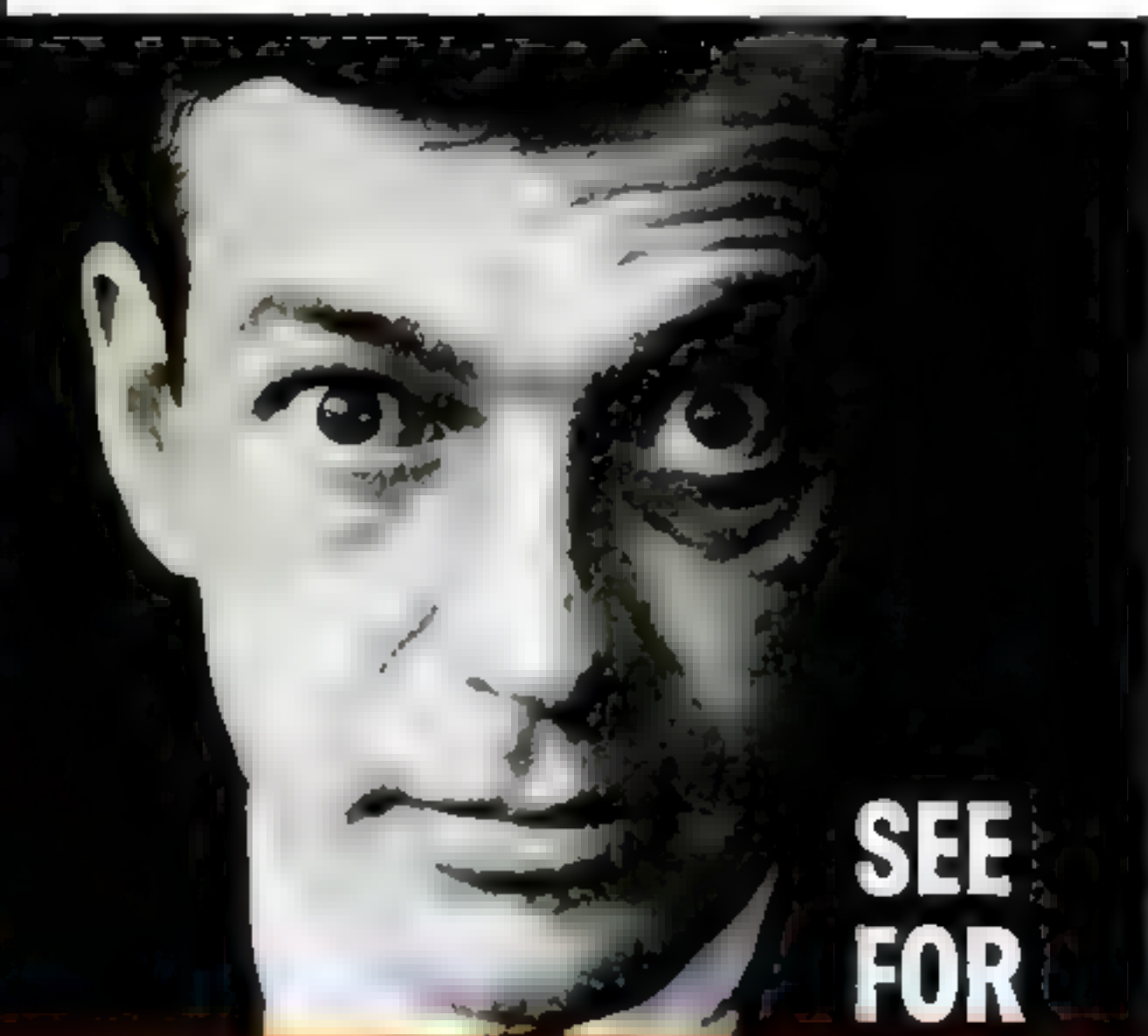
You get a welcome change when you smoke a Robt. Burns Cigarillo because of a wonderful Robt. Burns discovery—Smooth Smoke® Binder Tobacco. It's a new veinless form of tobacco made smoother to smoke milder.

That's why a Robt. Burns Cigarillo is so pleasant tasting, so refreshingly mild. This very day, for a change of pace, try a Robt. Burns Cigarillo. Just 5¢ each . . . and in handy crushproof five-packs.

\*T. M. Gen. Cig. Co., Inc.



# WOULD SAVING CHANGE YOUR IDEAS



SEE  
FOR

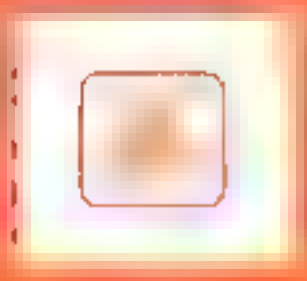
YOURSELF

These figures represent the difference between annual renewal costs with State Farm Mutual and the rates charged by most other companies. They are based on full coverage\* on a 1958 Ford Custom 300, V-8 4-door sedan. Look at the range of savings present State Farm policyholders enjoy in your state! And remember: these are typical renewal savings, in a few towns selected at random. In many areas, our policyholders save even more!

When you take out a State Farm coverage for the first time, you pay a membership fee. This covers initial costs, which most companies charge again and again as part of the premium. With State Farm, you never have to pay a fee on this coverage again. Once a State Farm member, you may enjoy State Farm's low rates year after year.

How much can you save with State Farm? It depends on where you live, the kind of car you drive, etc. Your nearby State Farm agent can tell you quickly. See him today!

\*Bodily Injury and Property Damage Liability (limits: \$10,000, \$20,000 and \$5,000); Medical Payments (limit, \$500); Comprehensive; and \$50 Deductible Collision Coverage. Please use. No male driver under age 25.



If you're a careful driver, think over these two facts:

1. All auto insurance companies do *not* charge the same.
2. State Farm Mutual, The Careful Driver Company, charges far lower rates than most other companies.

State Farm Mutual is built on the idea that the careful driver deserves a break. That's why we aim to insure *only* careful drivers, not the reckless, irresponsible few who keep auto insurance rates high. The proof that this idea works is right here on this page: car for car, state for state, town for town, State Farm Mutual's rates are lower than those being charged by most other companies.

*Compared to the rates charged by most other companies.*

LOCATION	SAVINGS† WITH STATE FARM	LOCATION	SAVINGS† WITH STATE FARM
<b>ALABAMA</b>		<b>GEORGIA</b>	
BIRMINGHAM	you may save \$37.00 to \$60.40	ATLANTA	you may save \$32.80 to \$54.80
MOBILE	38.00 to 60.00	SAVANNAH	32.60 to 52.40
MONTGOMERY	47.00 to 66.80	VALDOSTA	45.80 to 64.80
<b>ARIZONA</b>		<b>IDAHO</b>	
PHOENIX	you may save 62.00 to 89.00	ENTIRE STATE	you may save 56.20 to 75.80
TUCSON	67.20 to 94.20		
REST OF STATE	56.60 to 79.00	<b>ILLINOIS</b>	
<b>ARKANSAS</b>		CENTRALIA	you may save 27.40 to 45.20
ENTIRE STATE	you may save 27.00 to 43.80	CHICAGO	46.80 to 83.40
		PEORIA	14.80 to 32.80
<b>CALIFORNIA</b>		<b>INDIANA</b>	
MERCED	you may save 58.40 to 84.20	EVANSVILLE	you may save 26.80 to 45.20
SACRAMENTO	45.60 to 71.40	INDIANAPOLIS	28.80 to 47.40
SAN FRANCISCO	50.40 to 96.80	VALPARAISO	26.80 to 44.40
<b>COLORADO</b>		<b>IOWA</b>	
COLORADO SPRINGS	you may save 51.80 to 83.80	CLINTON	you may save 37.40 to 56.00
DENVER	33.80 to 48.80	DES MOINES	46.40 to 69.20
REST OF STATE	38.20 to 41.20	SIoux CITY	52.80 to 73.80
<b>DELAWARE</b>		<b>KANSAS</b>	
WILMINGTON	you may save 22.80 to 39.20	KANSAS CITY	you may save 24.80 to 45.80
REST OF STATE	38.20 to 52.40	TOPEKA	21.00 to 37.80
		WICHITA	33.80 to 47.80
<b>FLORIDA</b>		<b>KENTUCKY</b>	
JACKSONVILLE	you may save 21.40 to 43.60	ASHLAND	you may save 54.20 to 75.00
ORLANDO	29.40 to 49.60	LOUISVILLE	34.80 to 61.80
ST. PETERSBURG	19.20 to 34.80	PADUCAH	29.80 to 50.40



# \$39 A YEAR

# ON CAR INSURANCE?

*Would \$60? Would \$122?*

**Can You Qualify?** Yes, if you're an average careful driver. You may enjoy State Farm Mutual's lower rates . . . plus the finest protection, and "Hometown Claim Service" wherever you drive. State Farm Mutual is the world's largest auto insurance company. Our coast-to-coast network of 9,000 full-time agents and claim representatives is the finest in the industry. Check the savings below, enjoyed by present State Farm members in over 100 representative cities. In many other towns, savings are even greater. How much can you save? Ask any State Farm agent. Check "State Farm Insurance" in the Yellow Pages.

**STATE FARM MUTUAL**  
AUTOMOBILE INSURANCE COMPANY  
**WORLD'S LARGEST**



HOME OFFICE: BLOOMINGTON, ILLINOIS

## STATE FARM MEMBERS ENJOY THESE TYPICAL ANNUAL SAVINGS:

LOCATION	SAVINGS† WITH STATE FARM	LOCATION	SAVINGS† WITH STATE FARM	LOCATION	SAVINGS† WITH STATE FARM	LOCATION	SAVINGS† WITH STATE FARM
<b>LOUISIANA</b> BATON ROUGE NATCHITOCHES NEW ORLEANS	you may save \$27.30 to \$31.00 39.50 to 34.10 26.70 to 29.40	<b>NEBRASKA</b> LINCOLN OMAHA REST OF STATE	you may save \$51.20 to \$73.40 61.80 to 86.20 41.20 to 52.20	<b>OKLAHOMA</b> ENID OKLAHOMA CITY TULSA	you may save \$21.30 28.60 to 39.10 43.20 to 52.70	<b>UTAH</b> OGDEN SALT LAKE CITY REST OF STATE	you may save \$51.60 to \$71.40 37.60 to 57.40 51.40 to 70.20
<b>MARYLAND</b> BALTIMORE HAGERSTOWN SALISBURY	you may save 52.00 to 91.20 44.20 to 67.60 45.40 to 68.80	<b>NEVADA</b> ENTIRE STATE	you may save \$3.30 to 114.00	<b>OREGON</b> KLAMATH FALLS PENDLETON PORTLAND	you may save 34.20 to 56.40 36.60 to 56.80 41.20 to 80.60	<b>VIRGINIA</b> CHARLOTTESVILLE NORFOLK RICHMOND	you may save 27.40 to 28.80 29.90 to 31.00 30.20 to 31.30
<b>MICHIGAN</b> BAY CITY DETROIT KALAMAZOO	you may save 37.60 to 58.40 32.00 to 51.60 28.80 to 47.40	<b>NEW JERSEY</b> ATLANTIC CITY ELIZABETH TRENTON	you may save 18.00 to 56.60 13.90 to 48.60 13.20 to 38.80	<b>PENNSYLVANIA</b> ERIE JOHNSTOWN PHILADELPHIA	you may save 34.00 to 52.80 36.60 to 58.80 66.80 to 108.20	<b>WASHINGTON</b> SEATTLE SPOKANE WALLA WALLA	you may save 39.80 to 74.40 34.90 to 54.80 36.80 to 55.60
<b>MINNESOTA</b> DULUTH MINNEAPOLIS, ST. PAUL ROCHESTER	you may save 49.20 to 75.80 34.20 to 64.80 40.80 to 58.80	<b>NEW MEXICO</b> ALBUQUERQUE REST OF STATE	you may save 53.80 to 71.60 48.60 to 85.20	<b>SOUTH CAROLINA</b> CHARLESTON COLUMBIA GREENVILLE	you may save 45.60 to 82.60 12.00 to 30.30 12.40 to 29.80	<b>WEST VIRGINIA</b> HUNTINGTON MORGANTOWN WHEELING	you may save 50.00 to 72.20 71.40 to 91.40 54.20 to 76.40
<b>MISSISSIPPI</b> JACKSON PASCAGOULA TUPELO	you may save 20.60 to 42.80 22.40 to 43.80 16.60 to 38.00	<b>NEW YORK</b> ALBANY BUFFALO ELMIRA	you may save 20.60 to 81.80 22.20 to 58.40 22.20 to 52.80	<b>SOUTH DAKOTA</b> SIOUX FALLS REST OF STATE	you may save 53.60 to 65.80 48.40 to 58.40	<b>WISCONSIN</b> MADISON MILWAUKEE SUPERIOR	you may save 23.40 to 48.80 29.20 to 81.80 34.60 to 67.60
<b>MISSOURI</b> JOPLIN ST. JOSEPH ST. LOUIS	you may save 73.20 to 182.80 30.40 to 55.20 78.00 to 122.40	<b>NORTH CAROLINA</b> ENTIRE STATE	you may save 23.90 to 26.00	<b>TENNESSEE</b> CHATTANOOGA KNOXVILLE MEMPHIS	you may save 25.00 to 80.40 22.60 to 49.80 13.80 to 37.20	<b>WYOMING</b> CASPER, CHEYENNE REST OF STATE	you may save 55.80 to 68.80 49.20 to 60.20
<b>MONTANA</b> BILLINGS BUTTE KALISPELL	you may save 64.40 to 82.20 60.20 to 78.00 61.60 to 77.20	<b>NORTH DAKOTA</b> FARGO REST OF STATE	you may save 65.80 to 85.60 53.60 to 65.80	<b>TEXAS</b>	** (see note)	<b>DIST. OF COLUMBIA</b> WASHINGTON	you may save 56.40 to 90.00
				†Savings comparisons are based on rate information available September 1, 1958. **in Texas, savings have always been returned to eligible members in the form of dividends. These dividends have been paid for over 20 years. They have always been substantial.			



# LETTERS TO THE EDITORS

## VIRGINIA'S 'HONORABLE' STAND

Sirs:

As a transplanted Yankee, I would like to express to LIFE my appreciation for publishing Virginius Dabney's excellent article ("Virginia's 'Peaceable, Honorable Stand,'" LIFE, Sept. 22), and to Author Dabney many thanks for such a clear, concise, reasonable, logical and unemotional explanation of the viewpoint of the residents of Virginia.

ELIZABETH L. FRANKLIN

Richmond, Va.

Sirs:

Three cheers to LIFE for printing Virginius Dabney's article which so aptly expresses the viewpoint of the majority of Virginians.

LOUIE C. ZIRKLE

New Market, Va.

Sirs:

There is nothing honorable about defying the federal government and denying our children the right to an education in times when an educated public is so vital to our national security.

SHIRLEY V. BLOXTON

Norfolk, Va.

Sirs:

Your liberal and nonpartisan editorial policies, allowing, indeed soliciting, such contributions as that of Virginius Dabney, deserve the highest commendation.

No more telling blow in favor of integration could have been possible.

H. DANA MORAN

Los Angeles, Calif.

Sirs:

I wonder if Mr. Dabney realizes why we Negroes are behind, if we really are. We are behind because that is where the whites have tried to keep us—educationally, economically and socially.

We have been slapped on one cheek for 100 years. Could Mr. Dabney have done the same still holding his head high? Could he sit idly by and see his kids denied the right to study, work and live where they choose?

All the Negro race wants is recognition as men and women free to seek employment, housing and education anywhere.

EDDIE B. BROWN

Chicago, Ill.

Sirs:

As a member of the Negro race, it comes as a complete surprise to me that my fellow men have such personal charm and such *savoir-faire* in human relations that they can cause white females to lose all personal control to the extent that their behavior will "make ours a nation of mulattoes." Don't southern white girls have any moral fiber at all?

JOSEPH T. DURHAM

Baton Rouge, La.

## 'INTEGRATE'! JUSTICES STAND FIRM

Sirs:

Thank you for publishing the inspiring story and fine picture of Angie Evans speaking up for justice and neighborliness at the Van Buren school board meeting ("Integrate! The Justices Stand Firm," LIFE, Sept. 22). It shows real courage of conviction in the face of what she knew to be a hostile group and will encourage many

who feel downhearted at the news from her section of our country.

WALTER L. NATHAN

Groveland, Mass.

Sirs:

The immature judgment of teen-agers should not be put up against the thinking of mature and experienced judgments of men who are concerned about the long-range consequences of race mixing.

R. M. DAVIS

Savannah, Ga.

Sirs:

In the picture taken at a school board meeting in Van Buren, which I attended only as an interested citizen, I was identified as Sam Cox Jr., segregationist leader. At the time it was taken, many men in Van Buren, including me, were growing beards for the Butterfield Mail celebration. Since Mr. Cox also had a beard and he and I were the only men at the meeting with them, I suppose that is the reason for the mistake.

BILLY DAN LINDAS

Van Buren, Ark.

## DIZZY LOOKING LEGS FOR COLLEGE

Sirs:

Was that contorted photo necessary ("Dizzy Looking Legs for College," LIFE, Sept. 22)? It hurts my esthetic appreciation because I once knew your model. Her name is Heather Hewitt. I knew her as an art student a few years ago. She was Miss Boston University in 1955 and Miss Vermont in the 1957 Miss America contest.

R. J. DE LUCA

New York, N.Y.

Sirs:

My boyfriend didn't stop laughing for days; my friends tried to be kind; my parents didn't believe it; people stopped me and asked, "Are you the upside-down girl?"

Please explain that photograph to your readers. I'm weary of explaining camera angles, drawing diagrams.

HEATHER HEWITT

New York, N.Y.



HEATHER HEWITT RIGHT SIDE UP

## MORE LIVABLE HOMES: PART II

Sirs:

I am a small builder who has been thinking along the lines suggested by Architect Edward Stone ("Bold New Plan for Best Land Use," LIFE, Sept. 22). The Pompeian Court seems to be the answer for those who would like to own their own homes but don't want the physical demands on their time associated with owning a home. I am grateful for your efforts to achieve privacy and space within the limits of the housing dollar.

M. M. CHESY

Denver, Colo.

Sirs:

I can hardly wait to pack and give away a roomful of gardening equipment in return for a little privacy.

DOROTHY BROWN

Farmingdale, N.Y.

Sirs:

Perhaps I'm a pessimist, but Mr. Edward Stone's row house design is just a little too optimistic.

Drapes for the picture window would cost a small fortune, and a motor would be needed to open and close them. Where would children's bikes, wagons and scooters be kept? Does everyone have a clothes dryer?

WESLEY THOMPSON

Elkins Park, Pa.

Sirs:

Privacy is fine but I am sure that it can be achieved by other means than retiring to a refined cave. Elegant it may be, but warm, charming and gracious it ain't.

NORMA M. RIKE

Red Bank, N.J.

## EDITORIAL

Sirs:

It is true a line had to be drawn ("Quemoy: A Line Had To Be Drawn," LIFE, Sept. 22), but it didn't have to be drawn between Quemoy and Amoy, which is like drawing a line between Manhattan and Staten Island.

PERCY M. BALDWIN

Laguna Beach, Calif.

Sirs:

Quemoy and Formosa are the emblem of freedom and democracy in the Far East. In the past eight years thousands of fishermen and young Chinese risked their lives to flee from terror-dominated Communist China (some swam) to Quemoy and Formosa only for a decent government from their old Nationalist leaders.

K K WOO

San Francisco, Calif.

## A VOTERS' CHOICE OF MILLIONAIRES

Sirs:

The coverage of New York's gubernatorial candidates, Harriman and Rockefeller, by Theodore H. White ("A Voters' Choice of Millionaires," LIFE, Sept. 22) is an outstanding example of imaginative and perceptive journalism.

EARL E. OSBORN

Upland, Calif.

## THE NIXONS IN THEIR BACKYARD

Sirs:

In the homelike picture of the Nixons ("The Nixons in Their Backyard," LIFE, Sept. 22) the caption tells us they are "sharing the Sunday paper." Mrs. Nixon is reading the daily *Evening Star*. Quite evidently the Vice President and his daughter have usurped the entire Sunday paper.

WALTER C. ELLS

Washington, D.C.

Sirs:

The wonderful guys in our company who sell Edison Voicewriter dictating machines are unhappy when LIFE is showing the Voicewriter that Vice President Nixon uses, calls it a "Dictaphone," a competing product.

CHARLES EDISON

West Orange, N.J.

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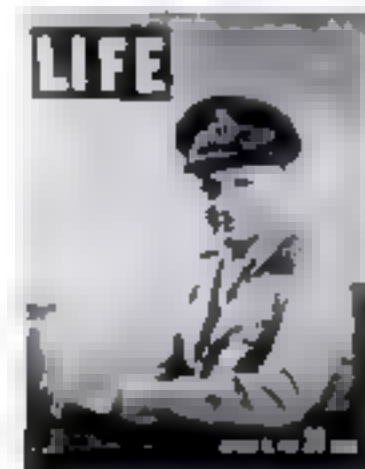
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TO SPEED DELIVERY OF LIFE and all your mail—please be sure to include your zone number in your address. The mail you send will get there faster, too, if the address carries a zone number.

L 5443



**Special Offer!** This luxurious cat bed for your pet: **ONLY \$2** and 3 Puss 'n Boots labels



Photograph by Walter Chinn

## Two ways to show you love your cat

Give it **1** the natural nourishment of a Puss 'n Boots diet  
**2** the comfort and warmth of a Puss 'n Boots bed

Start your pet today on a new life of health and comfort. First, feed your cat Puss 'n Boots, the cat food made from whole fish, with the natural life balance whole fish can provide.

*Puss 'n Boots contains all the proteins, all the vitamins, all the minerals that cats of all ages are known to need... plus selected cereals for balance. Get a supply of Puss 'n Boots today!*

Then, for your cat's comfort, send us the labels from the first three cans, and just \$2, and receive the new cat bed, designed especially for Puss 'n Boots cats. Wonderful value! But the supply is limited. So don't wait. Get Puss 'n Boots—and send for *your* cat bed today!



Packed in 8 oz. and 15 oz. sizes

Now the Natural Life Balance of WHOLE FISH is Retained in Puss 'n Boots



Abundance of high-quality proteins from the fish filets. Minerals and vitamins from the fish liver and glands. Calcium and phosphorus from the bone structure, made soft and digestible.

Use this coupon to get your cat bed

**Roomy size • Draft free • Fits anywhere • Protects furniture • Made of soft quilted suede.**

This specially designed Puss 'n Boots cat bed is made of top quality processed yarn. Raised edges give kitty a feeling of security and also eliminate harmful drafts.

**CAT BED, BOX 5525—DEPT. L, CHICAGO 77, ILL.**

Please send me \_\_\_\_\_ cat beds. I enclose \$2 and 3 Puss 'n Boots labels for each. Offer limited to the Continental United States; its territories and possessions. Void where regulated, prohibited or taxed. Offer expires March 31, 1959.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

Cont. Fisheries Division of The Quaker Oats Co., Chicago 54, Ill.

# PUSS 'n BOOTS

Quality makes it America's largest-selling cat food



# GUARANTEED TO GO THRU ICE, MUD

*[and unmatched for whine-free,*



*You get **triple-action traction** only in Firestone*



*Businessman Howard Dashner, Montpelier, Vermont says . . .  
"Snow and ice or slush and mud, Vermont back country is my  
year-round beat. But even deep side road drifts and logging  
roads don't stop Firestones. I haven't used chains in years!"*

Find the toughest winter driving conditions in America, and you'll find Firestone Town & Country tires pulling folks through. Firestones keep you moving in snow, slush and mud. And on dry pavement, Firestones give you smooth, quiet performance.

What's more, Firestone winter tires now have tougher, longer wearing Firestone Rubber-X. New Firestone Town & Country tires with Firestone Rubber-X provide *still* greater wear resistance, *still* longer dry pavement mileage.

Firestone's exclusive Triple-Action Traction provides unsurpassed pulling power—offers sure-footed skid-resistance on ice. Yet Firestone Town & Country tires run quietly, without whine, on all roads.

Order Firestone Town & Country tires with new Firestone Rubber-X now. They're guaranteed to go thru ice, mud or snow—or your Firestone Dealer or Store refunds the tow charge. Order them in S/F (Safety-Fortified) rayon or nylon, black or white sidewalls, tubeless or with tube.

**1** PULLING ACTION—No more spinning when these traction-action bars bite in and take hold! Yet on dry roads you get whine-free quiet—and Firestone Rubber-X assures long care-free mileage comparable to regular passenger car tires.





# OR SNOW OR WE PAY THE TOW!

*dry-pavement mileage!]*



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(Signed Arthur W. Keylor  
Business Manager)

Sworn to and subscribed before me this 22nd day of September, 1958.

SEAL: Dorothy Buck  
(My commission expires March 31, 1959)

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## How we retired in 15 years with \$300 a month

"Here we are, living in Southern California. We've a little house just a few minutes' walk from the beach, with flowers and sunshine all year. For, you see, I've retired. We're getting a check for \$300 a month that will keep us financially independent as long as we live.

"But if it weren't for that \$300, we'd still be living in Forest Hills, and I'd still be plugging away at the same old job. Strangely, it's all thanks to something that happened, quite accidentally, in 1941. It was August 17, to be exact. I remember the date because it was my fortieth birthday.

"To celebrate, Peg and I were going out to the movies. While she went upstairs to dress, I picked up a magazine and leafed through it idly. Then somehow my eyes rested on an ad. It said, 'You don't have to be rich to retire.' Probably the reason I read it through was that just that evening Peg and I had been saying how hard it was for us to put anything aside for our future.

"Well, we'd certainly never be rich. We spent money as fast as it came in. And here I was forty already. Over half my working years were gone. Someday I might not be able to go on working so hard. What then?

"Now this ad sounded as if it might have the answer. It told of a way that a man of 40—with no big bank ac-

count, but just fifteen or twenty good earning years ahead—could get a guaranteed income of \$300 a month. It was called the Phoenix Mutual Retirement Income Plan.

"The ad offered more information. No harm in looking into it, I said. When Peg came down, I was tearing a corner off the page. First coupon in my life I ever clipped. I mailed it on our way to the movies.

"Fifteen years slide by mighty fast. Times changed... hard times came... the war. I couldn't foresee them. But my Phoenix Mutual Plan was one thing I never had to worry about! 1956 came... I got my first Phoenix Mutual check—and retired. We sold the house and drove West. We're living a new kind of life. Best of all, we've security a rich family might envy. Our \$300 a month will keep coming as long as we live."

### Send for Free Booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of \$20 to \$300 a month or more—beginning at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women—and for Employee Pension Programs. Don't put it off. Send for your copy now.

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FOR BUSINESS AND FAMILIES

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Plan for Men ☐ Plan for Women ☐

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Date of Birth: \_\_\_\_\_

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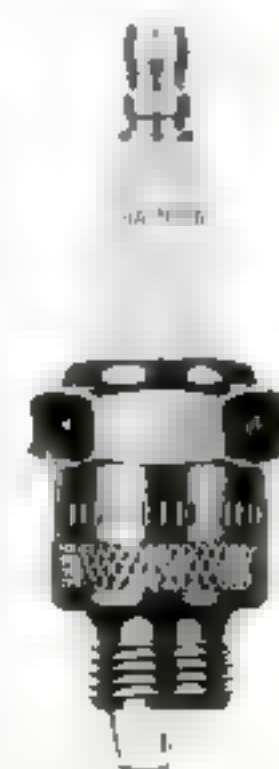


HO4S-3G Sikorsky, used by U. S. Coast Guard for air-sea rescue, shown here over Long Island Sound.

**Q.** Why do more aircraft the world over use Champions than any other spark plugs?

**A.** In the air dependable power is vital!  
To get that same dependable power in your car, put in new Champions every 10,000 miles. You'll save gasoline, too!

*World's favorite spark plug—engineered for every car built by Ford, General Motors, Chrysler, American Motors, Studebaker Packard and every major foreign maker*



**CHAMPION**





# *An Historic Announcement by* **The Old Grand-Dad Distillery Company**

FRANKFORT, KENTUCKY

**F**OR generations, 100 proof bottled in bond Old Grand-Dad has been universally accepted as the finest of all Kentucky straight bourbons—the world-wide standard-bearer of American whiskies.

**N**OW we have the pleasure of announcing a companion bottling to this great bourbon, in 86 proof, in response to the demand for a lighter bourbon of highest quality.

**O**F course we will continue to produce 100 proof bottled in bond Old Grand-Dad for the millions who prefer it over all other bourbons.

**O**LD GRAND-DAD 86 is the same whiskey, from the same barrels, as our bonded bourbon, but in lighter proof. Thus, while mild and gentle, it inherits the rich bourbon flavor, the appetizing aroma, the luxurious satisfaction so prized in Old Grand-Dad.

**H**ERE, for the first time, you enjoy the perfect balance of deep bourbon flavor and subtle mildness.

**G**RATEFUL for the honor and patronage conferred on us through the years, we now recommend Old Grand-Dad 86 to you who prefer a lighter, milder Kentucky straight bourbon whiskey.

We believe it will be a revelation to you.

*Distributed by*

**NATIONAL DISTILLERS PRODUCTS COMPANY**

*New York, N. Y.*







# YOUTHFUL BYSTANDERS IN THE WORLD CRISIS

## WHAT QUEMOY LIVING IS LIKE

PHOTOGRAPHED FOR LIFE BY JOHN DOMINIS

The battle for Quemoy, a Nationalist Chinese island so small and close to the Communist mainland that every part of it is being reached by Red Chinese artillery, last week was the focus of several kinds of war. At its nastiest it was a children's war in which, as these pictures of life on Quemoy show, the innocents are aggression's first victims.

On the larger scene Quemoy was a perilous world issue. In Warsaw the U.S. and Red Chinese ambassadors thrashed it over. Confronted by an unending stream of threats from the Communist capital in Peking, President Eisenhower warned Red China and its Russian ally that there will be no "retreat in the face of force." Secretary of State Dulles said that if Red China will accept a cease-fire in good faith (see editorial p. 40) the U.S. will advise reduction of the huge (90,000) Nationalist garrison on Quemoy. Going further, he added that the U.S. had considered it "rather foolish" to station so many men there in the first place. Significantly, he stated that the U.S. has no commitment to support a "hypothetical" Nationalist reconquest of the Chinese mainland.

But none of these vast affairs meant much on Quemoy itself, where LIFE Correspondent Scot Leavitt cabled: "In the six weeks since the big shelling started on Aug. 23, Quemoy has evolved a life of its own, apart from the world. What matters now is a special set of sights and sounds: the sigh of shells overhead, the harump of an incoming round, the dirty wink of an air burst at night. . . . Amid the background artillery going out and coming in, people listen for a special combination of sounds which, to a knowing ear, means that a new Chinese Red battery has opened up on positions near where they are. That one special tattoo sends them underground. Even the children know. Since Aug. 23 the children of Quemoy have acquired a lifetime of sophistication about shelling."

**FOLLOW THE LEADER** in Kwung Li village uses a real trench as part of the course. The youngsters here know trench's serious purpose for they have to duck when the shelling starts. Their village has been hit by as many as 100 shells in a single day.

**PLAY BUNKER**, a doll-size shelter is built of mud, newspapers and scrap lumber by young engineers who have become expert in this type of construction. Though luckier than most, their home, Quemoy City, has often been hit by Communist shells.







**EARLY VICTIM OF SHELLING**, now in the crowded New Quemoy City hospital, lost his right arm and suffered injury to left hand in shell burst. He was

hit on the first day of shelling before children could learn tricks of dodging artillery. He is one of 271 civilian casualties in six weeks of bombardment.





**JOY WAGON,** a 1941 Hotchkiss outlived Jeep. furnishes a playground for game of pretend something

## A LIFE OF LIMITS IMPOSED BY GUNS

Though familiarity with shellfire and the indomitable high spirits of the young keep them playing when they can, the kids of Quemoy have had their lives limited by the incessant guns. So has everybody else.

"Instinct tells you to find a place that is covered and safe and to stay there," Leavitt called. "Civilians move about hardly at all. Soldiers are similarly cautious. Even during the day the shutters are never completely taken off the store fronts. To buy something, you edge in through an opening and, as the afternoon passes into evening, the opening becomes narrower and narrower as more pieces of the shutter are put up. Fewer and fewer civilians are to be seen and, as the day ends, even the children have vanished inside. By night, the city is blacked out and nervous."

In all, Leavitt concludes, the shelling has reduced life on Quemoy to its essentials—staying alive first, then eating, sleeping, doing only such work as absolutely must be done. It is a life as barren as it is dangerous. But one bright moment came last week when an air drop, on the occasion of China's annual Moon Festival, carried a cargo of surpassing importance especially to the kids of Quemoy: 80,000 little cakes stuffed with fruits and nuts.



**WAR BABY,** getting full use of a man-size bed, was born in hospital after her family was bombed out

**SOLEMN EVACUEE,** 4-year-old sister of the baby above, eats lonely supper behind hospital barricade →







**PLAY GOES ON** will boys play, not because of war nerves but in anger at a foe that won't wak





**NEAR MISS** by a Red shell sends up a tower of spray just ahead of first of two amphibious vehicles

headed for Quemoy beach, each with two and a half tons of supplies. The success of the runs to Taidong

shells—none was hit while Leavitt watched—appeared largely due to shifting tides, routes, beaches

## THROUGH THE GANTLET OF SHELLFIRE

On Quemoy, Photographer Dominis and Leavitt were permitted to witness, for the first time, the techniques by which the Nationalists have circumvented the Communist gun blockade which for a time cut the island off from all supplies.

Partly the job is done by night air drops; very few planes actually dare to land on the island's shell-strated airstrip. But most supplies come in via a shuttle service of amphibious vehicles ("alligators") which debark from

mother ships at sea and then run a four-mile gantlet of Red shelling to reach land and then get to shelter to unload. Next day the empty alligators scuttle back to the mother ships, while fresh loads come ashore. On one day Leavitt saw 59 alligators make the trip safely.

"The Chinese Nationalists have clearly found the formula," he cabled. "The big question now is whether this pilot plant operation can be expanded to the full production which is needed to keep Quemoy in business indefinitely."

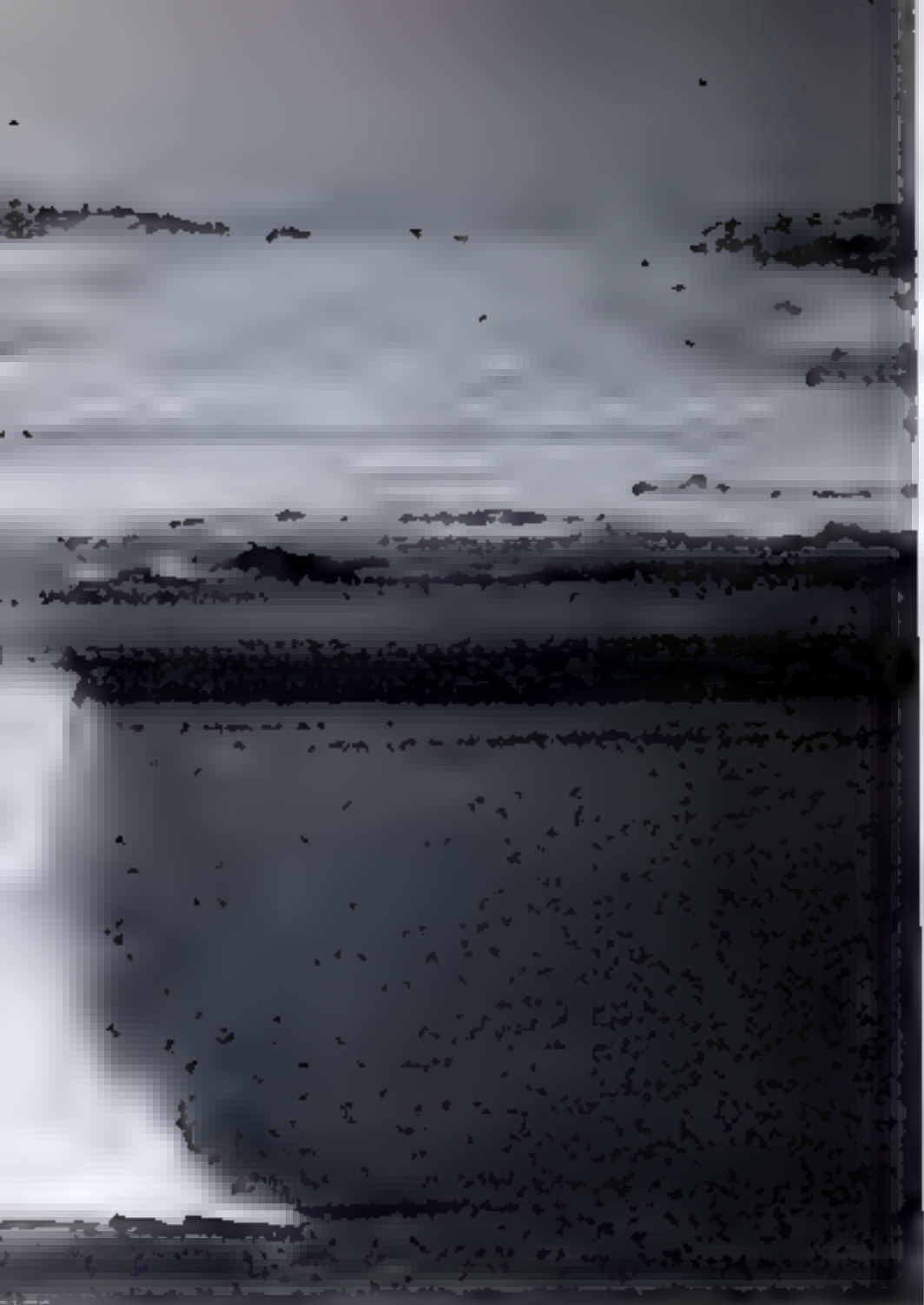


**UNDER FIRE**, battered Nationalist transport plane gets within 100 yds. as Red opens up on airfield

**FAST GETAWAY** (right), empty amphibian racing after others at sea passes trucks in a dust cloud







for landing and leaving, techniques which reminded Leavitt of intelligent quarterbacking in football.



**SUCCESSFUL LANDFALL** is made by a group of four amphibious vehicles. As they reach the shallow

water, their tractor drive takes over and carries them safely off beach to protected places for unloading.





# YANKEE COMEUPPANCE IN A LOUSY INNING

The Yankees, the organization men of baseball (LIFE, Sept. 29), suddenly got embarrassingly disorganized last week, presaging a time when nobody, but nobody, will fear the fearsome New Yorkers. The Yankees got their comeuppance in Milwaukee when the Braves piled up a record score for the first inning of a World Series game. In the sequence starting at the right Milwaukee runners chased each other around the bases while the partisan crowd went wild. The inning ended 7 to 1, Braves. And Manager Casey Stengel of the Yanks said what everyone knew, "They beat the hell out of us." The final was 13 to 5 and, whatever the outcome of the Series, the Yankees, too, knew they had been clobbered.



**LEAD-OFF HOMER** by Milwaukee's Bill Bruton off Pitcher Bob Turley (19) in first inning begins Yankee debacle. The Yankees had one run, this tied score.



**GRIM MEETING** on mound is the end for Pitcher Turley (left) after Aaron's walk and Covington's hit.

Catcher Berra and Manager Casey Stengel (right) wait disconsolately for reliever Duke Maas to arrive.



**ON BAD THROW** by Howard, Berra leaps in the air as Torre's fly sends Covington to second base.



**CRUELEST BLOW** is delivered by, of all people, Pitcher Burdette, whose homer scored three runs.

**EVERYONE RUNS**, as seen in this bleacher view of Burdette's blow. Mickey Mantle is in foreground.







**SCHOENDIENST (4) IS ON** after hitting double. In this picture Yankee Catcher Yogi Berra, after an

errant pitch to Ed Mathews, keeps Schoendienst from advancing to third base. Mathews struck out.



**COVINGTON SINGLES** past Yankee Second Baseman McDougald (ball at left). Schoendienst scored.



**VITAL SINGLE** by Braves' Johnny Logan (23), hit off Yankees' second pitcher, Duke Maas (24), comes

with the bases filled and two men out. Logan's hit scored Aaron and Covington (runs three and four).



**BARE-HAND CATCH** by Catcher Berra stops ball but does not stop Covington, who slides home safe.





From De Gaulle to Bardot, a record-breaking electoral turnout



**A GENERAL'S VOTE** is cast by De Gaulle in his home town, Colombey-les-deux Eglises. Town cast

195 "yes" votes, one "no." When aide asked who voted no, De Gaulle said, "The name is not mine."



**VOTING IN UNISON**, five monks from the Abbey of Saint Michel de Frigolet in southeastern France



## A TRIUMPHANT

The Fifth French Republic, long and anxiously expected, was born at last. Voters in France and throughout the vast lands which dwell, sometimes uneasily, under the tricolor, last week approved its constitution. Even more they showed their trust in the man who did most to create it, 67-year-old 6-foot 4-inch General Charles de Gaulle, also known as *Le Grand Charles*, or, in American, Big Charlie.

The voting returns astonished the world.



← **IN ALGERIAN TURNOUT** Moslems who braved rebels to vote walk and ride in army trucks to polls





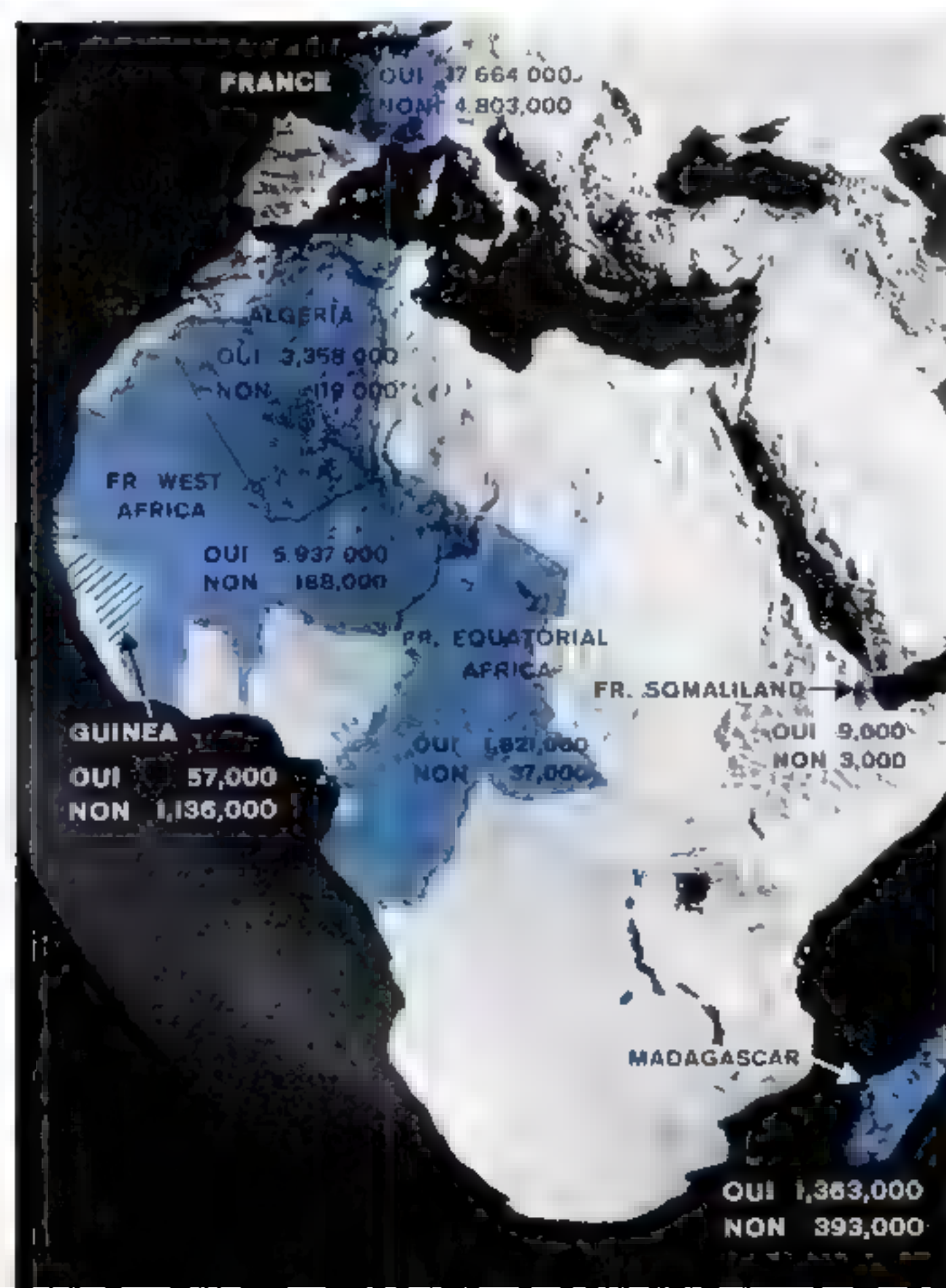
SHOWING OFF CALICO DRESSES AND CAMPAIGN SPIRIT, GIRLS FROM MANEAH NEAR GUINEA CAPITAL OF CONAKRY, MARCH WITH "NO" POSTER IN FRENCH

## GUINEA'S LONE 'NO'—AND FREEDOM

In the only place where the constitution failed to win, its defeat was resounding. The 1.1 million voters of the semi-autonomous territory of French Guinea rejected De Gaulle's proposal by a 95% "No" vote. An astonishing 85% of those eligible came to the polls, summoned by parades of native girls and by native drums—but mostly by a forceful nationalist leader named Sekou Touré, who led the fight against the constitution.

The big "No" in effect was less a rejection of De Gaulle than a response to the 36-year-old Touré. French educated but anti-colonial, Touré was a post office clerk who got into labor organizing. After World War II, though not a Communist himself, he visited Moscow and studied Marxian economics in Prague. Back home, he became leader of French Africa's 700,000 trade unionists, was elected as one of the few black African deputies to the French Assembly, and last year became acting premier of Guinea. When De Gaulle visited Guinea recently, Touré declared that his country would prefer "poverty in liberty" to "riches in slavery." De Gaulle said if Guinea voted "No," it would have to get out of the French Union.

When the vote was in, De Gaulle broke French Union ties with Guinea. A new African nation, the Republic of Guinea, was born with Touré as premier. The tricolor was hauled down but independence had come so swiftly no national emblem was ready to supplant it. For the young republic, French flags will be easier to replace than French technicians and francs needed to develop its resources in bauxite and iron. Prudently, Sekou Touré hoped his country could stay "in association" with France.



← **RESULT OF VOTE** in France and African territories is shown by map. Other scattered French holdings in Pacific and Caribbean areas approved constitution.





leave the polling booths after casting their ballots. With French ecclesiastical authorities declaring it

would be a "duty" to vote, members of the church turned out heavily in support of the constitution.



A STAR'S VOTE is cast at the Riviera resort of St Tropez by Brigitte Bardot, first lady of French screen

## CHARLIE ZEROS IN ON THE ALGERIAN PROBLEM

Frenchmen, customarily cynical, turned out a record-breaking 80% of eligible voters to support De Gaulle by a remarkable 4-to-1 margin. Even heavy Communist sections broke party discipline to vote "yes." In French Africa only one territory (*next page*) chose De Gaulle's alternative: to go it alone as an independent nation, without French aid and friendship. De Gaulle declared proudly, France has shown her "will for the renewal of France."

Armed by popular support and the authority which the new constitution confers upon him, De Gaulle flew swiftly to grapple with the greatest threat to his regime—Algeria. To Moslems who had given him a 96.5% "yes" vote, De Gaulle offered a five-year evolutionary plan—new homes, new schools, 10% of all France's civil service positions. Promising elections in November, he guaranteed Moslems a minimum two-thirds of Algeria's seats. To the Algerian

rebels he appealed for peace so "hope will blossom again in the land of Algeria."

Nobody believed the rebels would agree and the French *colons* were angered and dismayed when De Gaulle failed to meet their demands for total integration with France. Most people thought that to solve these problems would require a miracle. But in France, after a decade of powerless leaders, a strong man with the nation behind him was a miracle in itself.



ON JOB IN ALGERIA, De Gaulle is encircled by unveiled women who, sequestered by custom of

Moslems, voted for the first time in referendum. In some areas men and women voted separately. After

the vote, De Gaulle stumped the country to present his plan to Moslems and Algerian Frenchmen.





AFRICA ALL WOMEN GOT RIGHT TO VOTE IN 1956



CAMPAIGN SCENE includes boys and girl, too young to vote, who helped out at "No" rallies.



PROUD NEW PREMIER, Sekou Touré, stands in ceremonial robes before portrait of grandfather,

Chief Samory, who tried to form African federation 70 years ago, was caught and exiled by the French



Like a last perverse rocket before dawn, that flash strike of 300,000 GM employees last week turned out to be the precursor of a cheerful economic event. The settlement that followed, together with the earlier Ford and Chrysler settlements, gives the auto industry three years of labor peace at a reasonable cost in new wage benefits. In those three years Detroit should be able to regain its shaken hold on an expanding car market. The rest of the economy, meanwhile, has not bothered to wait for Detroit. Another U.S. boom has started.

We have weathered our third major recession since World War II. The 1957-58 decline was the steepest of the three, but the comeback has also been the quickest. The bottom was reached in April and left behind in May. FORTUNE, which called these turns sooner and more accurately than most augurs, now says the recovery has entered its second phase, "probably slower" than the summer spurt but opening up "the vista of an unprecedented boom."

At nearly five million, unemployment is still serious and will remain so for many months. Even if Detroit re-absorbs its lopsided share of the jobless, several other major industries—coal, railroads, textiles—look as if they would stay a while in doldrums of their own. Yet the evidence for over-all optimism is on every hand:

►Steel has increased its output each month since July and is now pouring at the rate of 94 million tons a year—at which good profits are possible.

►Capital investment has stopped declining and may point up again this quarter. There is not much real "excess capacity."

►Farmers have been enjoying a special boom of their own, their income running 19% higher than 1957.

►More than a million new houses will be built this year, the rate being the highest since 1955.

Personal incomes, which held up well all through the recession, are back at a new peak of \$355.6 billion. Moreover, all this spending power is asserting itself with a new eagerness in a wide variety of markets, from computing machines to vacuum cleaners, from outboard motors to fur coats.

Take the \$25 billion clothing industry. Its sales are a lively 4 or 5% ahead of last year, thanks in part to the change in women's styles. Instead of breeding caution, the way last

season's chemise did, the new dresses are flattering to women, admired by men and productive of many ancillary blessings to both and to business, such as more new shoes and stockings to go with the shorter skirts. Nightclubs and jewelers are ahead of last year too.

Appliances are another recovery pace setter, especially in those lines that have been boldly redesigned. The appliance market seems to be back on a major expansion curve, with washer-dryers, color TV, etc. due to saturate every household, as refrigerators have done already.

The same buoyant pattern in many other industries explains why over-all industrial production has recovered half its recession losses in four short months. But the case for continuing prosperity rests on the most significant statistic of all: the sudden rise in productivity.

After two years on dead center, output per man hour in business and manufacturing has jumped by 3% in the last quarter, according to FORTUNE estimates. This healthy figure means that the recession did some good. It slowed the famous wage-price spiral, made everybody work more efficiently and thus cut production costs. Some businesses are actually able to reduce prices this year—the mail order houses, for instance. The consumer price index went down a little in August, thanks to more and cheaper food; and there are reasons to hope it will stay put for quite a few months to come. In short, the new boom is unalloyed by an immediate threat of more inflation.

We wish we could be equally confident about inflation in the longer run. Unfortunately, even the most noisily bullish big business around—the New York Stock Exchange—is a danger signal to the extent that it is sustained by inflation-fearing refugees from the dollar. The return of inflation is by no means inevitable, however. The government has adequate powers to prevent it, if it has the political will.

The first test of this will is what Congress and the Administration do about the next budget. The recession left us with a huge deficit—maybe \$10 billion—for fiscal '59. A much stricter control of future federal expenditures will be the No. 1 requirement for any successful sound-money policy. Only if we can achieve that, and keep productivity rising, will our new boom continue to represent real gains for the American standard of living.

## QUEMOY: WHAT DULLES REALLY SAID

The Eisenhower-Dulles position on Quemoy was further expounded by both men in press conferences last week—so much further, that critics like ex-Senator Lehman call it "a hairpin turn." Some even gloat that Dulles, having found his position politically untenable, is now "ratting" on Chiang Kai-shek. Is this true?

Chiang now doesn't think so and neither do we. If Dulles' new phrases managed to appease some of his critics, especially by highlighting the difference between his policy and Chiang's, all credit to him. But to the average citizen, worried about the chances of war, we must report that they are just what they were before. The U.S. position is no less firm, no more and no less pacific than it has been all along.

Dulles acknowledged that he thought Chiang was foolish to have committed so large a part of his army to the Quemoy salient. He would even now favor a virtual demilitarization of the offshore islands—*provided* a "reasonably dependable" cease-fire is first secured. Ike confirmed the proviso: "we shall have, *if we have a cease-fire*, an opportunity to negotiate in good faith, and that, I think, is about all you can say." (Our italics.)

The words of disparagement at first gave pain and alarm to Chiang Kai-shek, but the words of policy raised no new

differences between his and the U.S. position. To both governments, Quemoy is a defensive, not an offensive, stronghold. To Chiang, it is "a shield for the Western Pacific"; to Dulles, less dramatically, it is a salient you don't surrender without calculating the momentum this would give the enemy's farther advance. It also represents to the U.S. now what Ike called "the basic issue . . . to avoid retreat in the face of force."

The important difference between Dulles and Chiang is whether Quemoy's status can be a counter in the cease-fire negotiations. Chiang refuses all such questions on the ground that "the Communists have no intention of accepting a cease-fire." Dulles cannot base the policy of an optimistic nation on such dogmatic pessimism. Hence, he says that if there were a cease-fire it would of course be mutual; and the offshore islands would be virtually demilitarized if they were no longer threatened by Red invasion.

Obviously Dulles has not in any sense offered Quemoy to the Communists. Meanwhile the Reds so far are running true to Chiang's pessimistic prognosis. Their price for a cease-fire is the removal of all U.S. forces, including the 7th Fleet, from Formosa itself. The peace-loving United States is not so unnerved as to find a way to accept that.





## Have you had your soup today?

Have a bowlful of sunny contentment — Campbell's Chicken Noodle Soup. Steaming . . . with delicate fragrant broth. Delicious . . . with tender chicken bites. Golden . . . with enriched egg noodles — the kind that melt in your mouth. *Everybody* loves soup. And Campbell's is quick — 4 minutes. Thrifty—7¢ a bowl. How easy to have the happy habit—once a day...every day—SOUP!

M'm! Good!  
Nourishing  
good  
every time  
... 'cause it's  
Campbell's!



Naturally from  
**KRAFT**



*Kraft's fine cheddar - wrapped in aluminum foil*

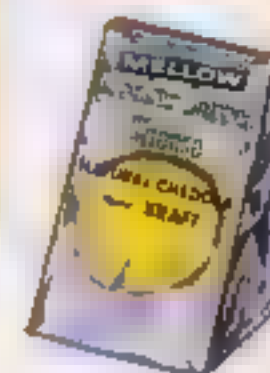
## Are you too young to remember...?

If you're under forty, chances are you never had a grandfather who kept a barrel of winter apples in the cellar—and had his own private stock of “nibblin’ cheese” cut from the big cheddar wheel.

But you needn't miss this treat of yesteryear. Your grocer now has a genuinely great old-fashioned natural cheddar. It's

Cracker Barrel brand—wrapped in aluminum foil to bring you each golden cheese wedge in all its *just-cut* glory.

For snacking this very evening get yourself a wedge of Cracker Barrel, a sack of snappy apples and some plain old-fashioned soda crackers. No fancy fix'n's can touch that for sheer *goodne...*



**CRACKER BARREL BRAND** IS THE FINE NATURAL CHEDDAR FROM **KRAFT**



# A LOOK AT THE WORLD'S WEEK



## FOUR SERIOUS REPUBLICANS

A grim quartet of Republicans occupied the speakers' platform at a big GOP rally in San Diego last week. They were Governor Goodwin Knight, Vice President Richard Nixon, Mrs. Nixon and Senator William Knowland. The Vice President had come to California to spur on Republican workers for Knight and Knowland, but the latest opinion polls were bringing gloom. They showed that Knowland was far behind in his race against Democrat "Pat" Brown for Governor, and Knight was lagging in his fight with Democrat Representative Claire Eagle for a U.S. Senate seat.

## TWO PLAYFUL DEMOCRATS

To a confident couple of Democrats, the Republican predicament in California was cause for merriment. In Beverly Hills, "Goonie" Knight's Democratic senatorial opponent, Representative Claire Eagle, sat down with Adlai Stevenson and kidded him about the famous 1952 campaign picture of Stevenson with a hole in his shoe. Then Eagle decided to check his own shoes, found his own hard campaign in California had had the same wearing effect.

CONTINUED







### SPOT NEWS COVERAGE BY A SOCIALIST'S DAUGHTER

As Hugh Gaitskell, leader of the Labor Party in Britain, wound up an economics debate at his party's annual convention in Scarborough, England, he was stalked by a shapely photogra-

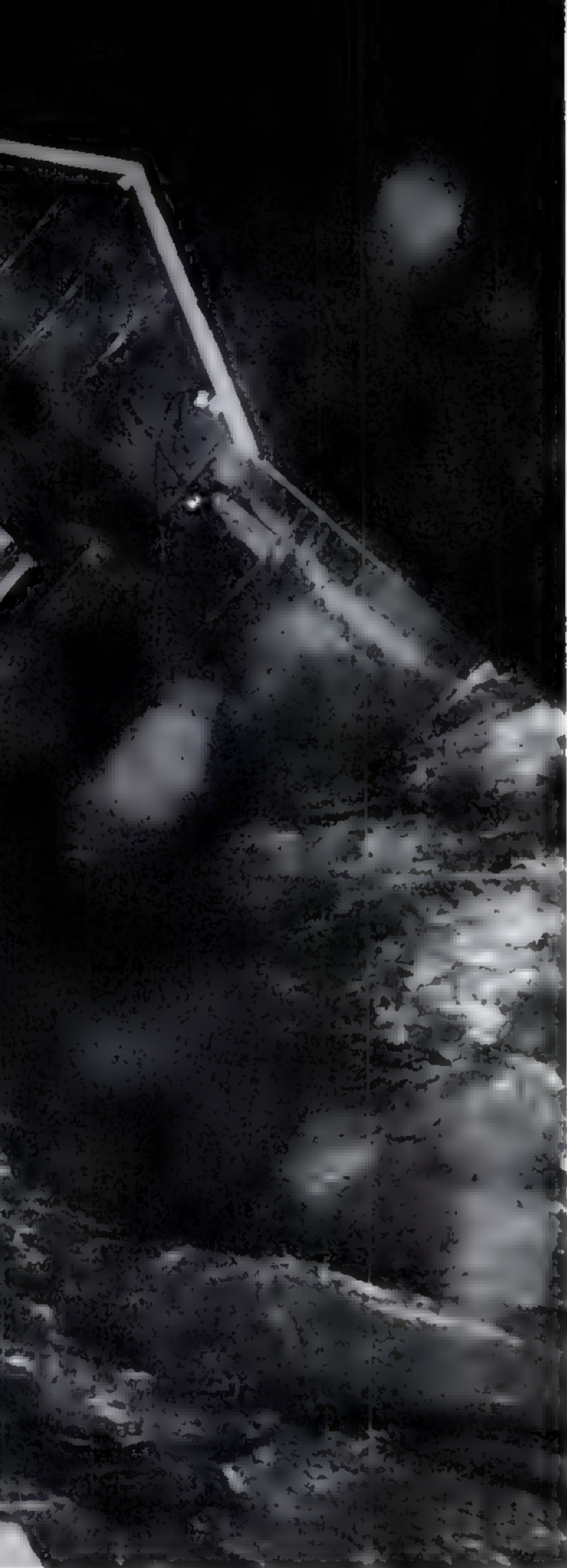
pher in startlingly tight leopard-skin pants. The photogenic photographer was Julie Hamilton, stepdaughter of Michael Foote, editor of the Socialist weekly *Tribune*, on a spot news job



### HOLDING UP HIS END

In London the new Lord Chief Justice of England, Baron Parker of Waddington, made his properly periwigged way from Westminster Abbey to the House of Lords after a service for the opening of the fall term of England's high court. Behind the Lord Chief Justice, looking every bit as distinguished, came an attendant in white tie and tails bearing his lordship's train.





### A VICIOUS TYPHOON IN JAPAN

A toppling house in Tokyo teetered momentarily on the banks of ravaging flood waters before disintegrating in the torrent as Japan was lashed by the 22nd typhoon of the year. The storm was the worst in a quarter of a century. The winds blew up to 100 mph. High tides and cascading 23-inch rains flooded the rivers and streams, set off landslides, inundated low-lying villages and literally swept two of them out to sea. Thousands of lightly built Japanese houses were destroyed, leaving at least 600 people dead and nearly half a million Japanese homeless.

One Colgate Brushing Helps Give The Surest Protection All Day Long!

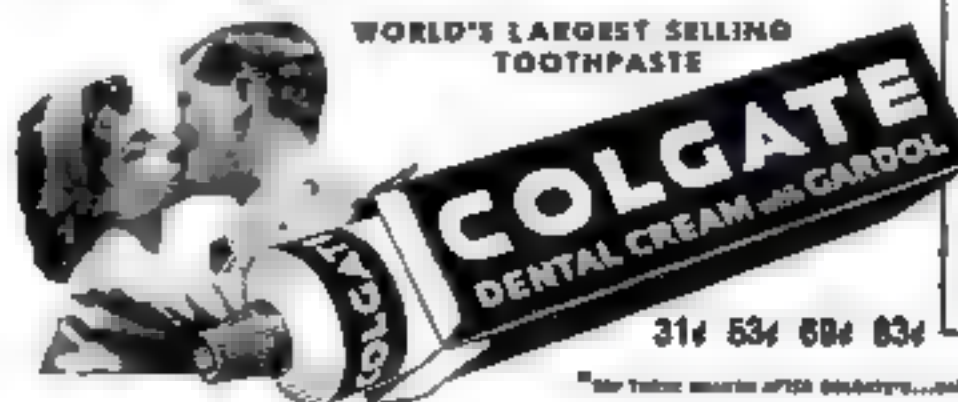
COLGATE'S WITH GARDOL FIGHTS BOTH DECAY AND BAD BREATH ALL DAY

# FIGHT TOOTH DECAY WITH COLGATE'S WHILE YOU STOP BAD BREATH ALL DAY!

Brushing for brushing, it's the surest protection ever offered by any toothpaste! Because of all leading toothpastes, only Colgate Dental Cream contains Gardol!

**FIGHTS BOTH BAD BREATH AND TOOTH DECAY ALL DAY— WITH JUST ONE BRUSHING!**

Colgate Dental Cream with Gardol is backed by published results of 2-year clinical research on the reduction of tooth decay. And of all leading toothpastes,\* only Colgate's contains Gardol to form an invisible, protective shield around your teeth that fights decay all day . . . helps *stop* decay with just one brushing! One Colgate brushing stops mouth odor all day for most people, too!



WORLD'S LARGEST SELLING TOOTH PASTE

31¢ 53¢ 88¢ 83¢



**CLEANS YOUR BREATH WHILE IT CLEANS YOUR TEETH**





**CHANGE OF COSTUME**, made on bosses' orders, took Joan Marchesani out of dresses like the red wool sheath above and put her in skirt and white blouse like those below. She also agreed to use less eye make-up. Before she got her Pan American job, Joan was a hairdresser near her hometown of West New York, N.J.



**WITH SUPERVISOR**, John Trinkaus, who first requested she tone down appearance. Joan has friendly cup of coffee and reviews causes of her dismissal.

## TICKET GIRL, TROUBLED BY BEING TOO PRETTY

Though the airlines industry makes a point of employing pretty girls, Pan American World Airways in New York City felt that Ticket Agent Joan Marchesani was making too much of a good thing. Joan's 36-23-36 figure, ill-concealed in sheath dresses, and her silver-blond hair and lavish eye make-up were too obtrusive.

By company request Joan donned a sedate skirt and blouse, but refused to change her silvery hair. Thereupon she was fired. Promptly her union, the Air Transport Division, Brotherhood of Railway Clerks, filed a complaint. The airline hurriedly took Joan back, insisting its only mistake was to dismiss Joan after her 90-day probation period had expired. But the union is demanding a statement that female clerks can primp as they please.

Joan, who insists all she wants is to make good with Pan Am, is beginning to regret the stir. The costume question is a thing of the past, for her probation period is over and she now wears the company uniform. But harassed by telephone calls asking for dates, criticized by co-workers for upsetting the office, Joan wishes she were a little more forgettable.



**PRESENT COSTUME** for Joan is blue Pan American uniform all permanent ticket agents wear. Joan works mostly in back office and public seldom sees her.





# World's First Truly Automatic Washer

## NORGE Dispensomat injects any or all washday wonder products...automatically

At your command, automatically...all the wonderful new washday products, to give you the most luxurious laundry ever! Norge Dispensomat adds each product in correct amount, *at the proper time.*

Cleaner with TIDE! Reserve Cleaning Power assures cleanest clean under the sun!

Whiter with BEADS-O'-BLEACH the safe dry chlorine bleach for whitest clothes possible.

Brighter with WATER CONDITIONER for soft-water super rinse.

Softer with STA-PUF that restores luxurious fluffiness to all wash-matted fabrics.

New Automatic Lint Filter teams up with overflow rinse and sediment remover for 3-way filtering of lint, scum, sand.

### Exclusive "Fabric Formula" Washing

Restores Like-New Look and Feel to Clothes...with Follow-the-Dot Simplicity

Every washing action is matched to the fabric. You just dial the fabric you're washing and point the control knobs at the dots. Automatically you get the proper wash speed, spin speed, water temperature, time cycle for everything from cot-

tons to wash 'n wears. Yet you can change the settings any time you choose. Drying's a dream, too, with matching Norge "Fabric Formula" Dryer that gives you 4-way drying, 4 heats, automatic "Wrinkle-Out" and 3-position Hamper-Dor.



Model AW-250

### Special

- Two-cycle washing
  - Automatic lint filter
  - Exclusive "ball point" edged agitator
- All at a budget price

# NORGE®

## Dispensomat Washer



Model AWW-502 Washer & Model ED-500 Dryer







For the last word on vitamins, take a leaf from Nature's book. Get your vitamins where she put them—in fresh fruits and vegetables, eggs, milk, meat, fish and whole-grain cereals.

If you don't get enough of these vitamin-rich foods, daily vitamin capsules or tablets can help assure adequate vitamin intake. But remember that vitamin supplements are not cure-alls.



The only things they cure—or protect against—are vitamin deficiencies. The best thing to do if you are sick is *see your doctor*. Let him use his skill and judgment to decide what you need.

For the next-to-the-last word on vitamins, ask your pharmacist for a free copy of the Squibb leaflet "Hidden Hunger." Make a note: Vitamins... Drugstore . . . "Hidden Hunger."

# SQUIBB

Manufacturing chemists to the medical profession since 1858





AFTER 10 DAYS IN HIS HOT, HUMID SPACE CHAMBER, AND A RIGOROUS WORK TEST, A GAUNT AND EXHAUSTED DR. BALKE GETS HIS BLOOD SAMPLE TAKEN

## A SCIENTIST'S ORDEAL IN MAKE-BELIEVE SPACE

**Air Force researcher proves men can train bodies to work well under high-altitude hardships**

Though he had to fight for every rasping breath, the 52-year-old Air Force scientist was elated. He had undergone one of the most grueling ordeals yet devised in the broad program to train and select men for space flight and had come out to prove a doggedly held belief: that men could, by intensive training, teach their bodies to work efficiently at high altitudes.

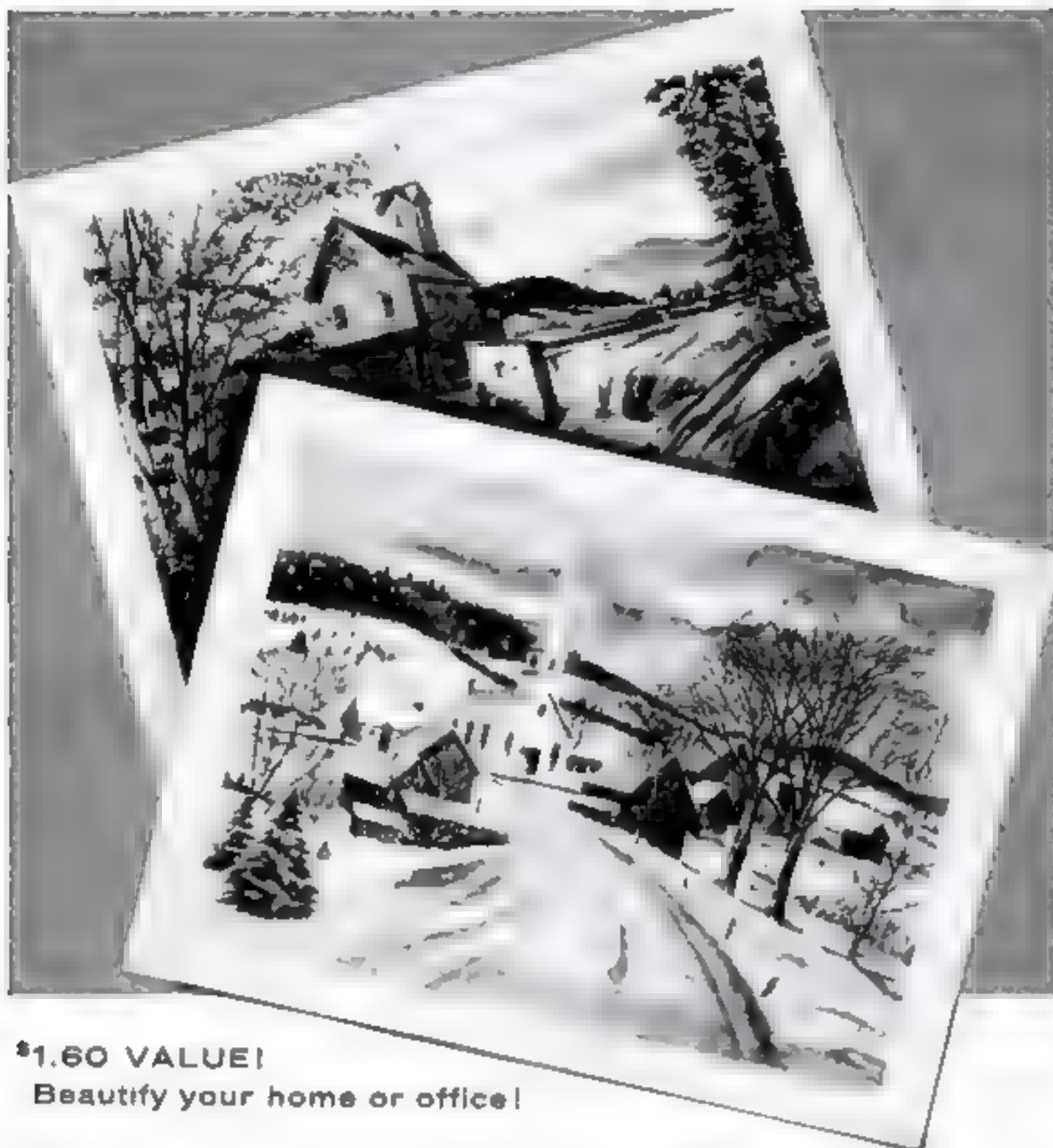
The scientist was German-born Dr. Bruno Balke, a specialist in high-altitude medicine. After weeks in the high Colorado Rockies (*p. 53*), he and a research assistant, Senior M/Sgt. Samuel G. Karst, spent 10 days in a "space cage" at Randolph Field, Texas. There they simulated altitudes up to 50,000 feet, produced temperatures up to 98° and a humidity

of 100%. It was too uncomfortable to sleep much longer than three hours a day. The pair had little appetite for their canned food and had to drink lukewarm water. But at the end they had proved that properly trained men could function on less oxygen, tolerate normally poisonous doses of carbon dioxide, and adjust to other extreme conditions which might be encountered on a space voyage.

Their equipment-jammed cubicle measured 5x5x10 feet. They had only a wooden bench to lie on and an iron chair to sit in. But the two researchers got along famously, found they were too busy giving one another physical and mental tests to pay much attention to their discomfort.



# Free!



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**Two beautiful 11" x 14" full-color famous artist's prints free with each 8-oz. bottle of Pepto-Bismol!**

Decorative and educational! Handsome, colorful American scenes by famous artist John Rogers will add beauty to any wall. Help your children develop an interest in fine art. Make handsome gifts, too!

Send no money! Follow mailing instructions on special collar from an 8-oz. bottle of Pepto-Bismol. Send collar and the Norwich seal from the label for your *free* Art Prints! Mail today! Also available in Canada

Look for this special "FREE ART PRINTS" collar!

Pepto-Bismol alone relieves these 3 major upset stomach miseries as no soda or alkalizer can:

- 1) Burning acid distress
- 2) Tense, irritated stomach walls
- 3) Inflamed lower digestive tract

Soda and alkalizers only neutralize acid temporarily. They cannot soothe stomach walls. And they have no effect on the lower digestive tract!

Pepto-Bismol's gentle coating action 1) calms acid distress 2) tranquilizes irritated stomach walls 3) soothes inflamed lower tract where alkalizers cannot work!

Take Hospital Tested

**Pepto-Bismol®**

...and feel good again

Art Print Offer expires Feb. 28, 1959



A Norwich Product

## SCIENTIST'S ORDEAL CONTINUED



**IN SPACE CAGE** Karst and Balke, surrounded by instruments, take temperatures. Bicyclelike apparatus in foreground was used to measure work capacity.



**ENDURANCE TEST** just after leaving chamber shows that Dr. Balke can do 23 minutes on treadmill, only two minutes less than before entering chamber.



“**N**obody’s  
going to  
tell me it’s  
time to  
change my  
furnace  
filter”



Mister, this isn't an order, just a warning: now is the right time to put in a new Fiberglas\* Dust-Stop\* Filter! Your house will be more comfortable...your air cleaner...your fuel bills lower. With a dirt-clogged filter, you're paying for heat you never get. For the comfort of your family and your pocketbook, **CHANGE FILTERS NOW!**



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...Look for this sign when you shop for a new home.

Owens-Corning Fiberglas Corp., National Bank Bldg., Toledo 1, Ohio

**DUST  
STOP**  
AIR FILTERS

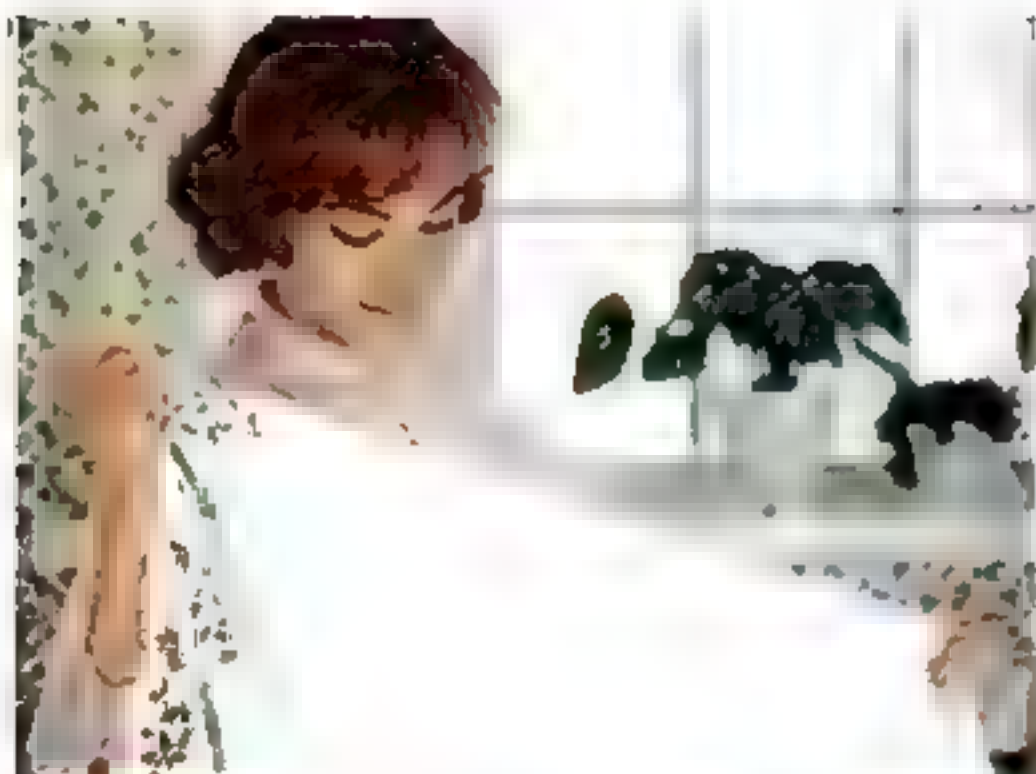


Available at hardware, specialty and department stores,  
or consult the yellow pages of your telephone book.



\*Fiberglas and Dust-Stop are T-M (Reg. U.S. Pat. Off.) O-C-F Corp.





**1** . . . is the key for white and colorfast cottons and linens that need hot water and vigorous washing action. Fast spin extracts so much water they'll dry in no time at all.



**2** . . . is pre-set to give dark or nonfast colors the warm water temperatures and fast spin they need. Brisk activation gets even the grimmest blue jeans clean as a whistle.



**3** . . . is for sturdy, well-constructed wash 'n wear clothes of synthetics and blends. Warm wash water, brisk activation get them clean; slow spin prevents deep-set wrinkles.

## New as today's fabrics . . . 1959 G-E **5-CYCLE FILTER-FLO® WASHER!**

The only washer with **5** separate, pre-set cycles to give all your washables custom care . . . automatically!

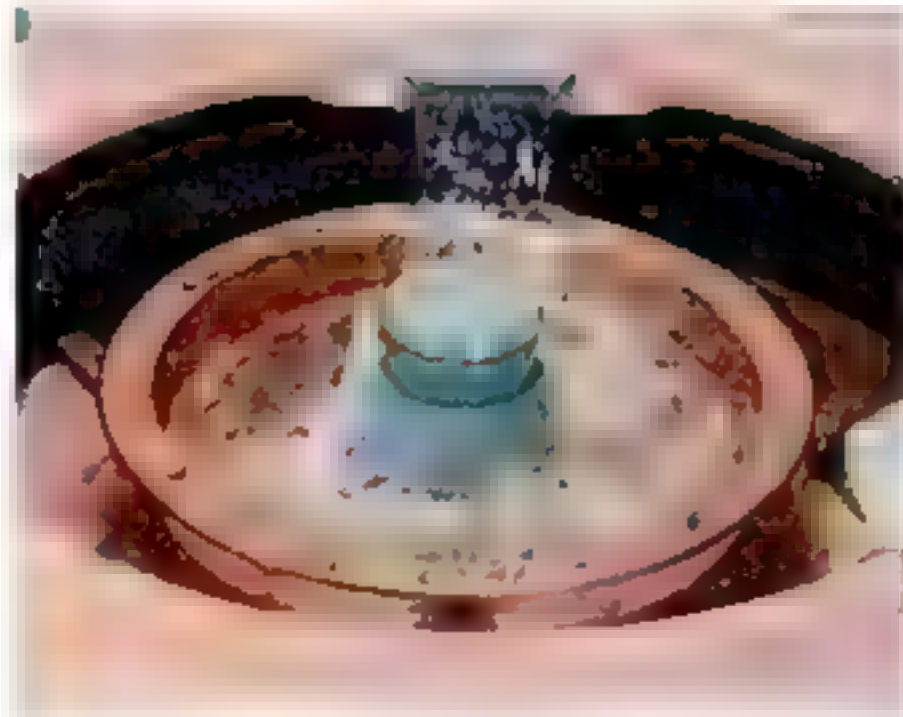


**5-CYCLE**

Filter-Flo Washer  
Model WA 950S  
about \$3.30 weekly\*

You just touch one key—turn the dial to the matching number! And that's *all* you do to get just-right washing care for your every-week laundering . . . or those once-in-a-while loads. Only this wonderful new General Electric 5-Cycle Filter-Flo Washer has an *automatic* cycle to fit *all* your washing needs!

**NO LINT FUZZ!** Famous Filter-Flo Washing System cleans and re-cleans wash and rinse waters constantly to give you cleaner clothes. And this filter is *dependable*—can't clog or impede water flow! Empties without brushing. A handy detergent dispenser, too.



**4** . . . is for delicates . . . those fragile wash 'n wear clothes you've been washing by hand. They're washed gently in warm water; a slow spin protects sheer fabrics, seams and trim.



**5** . . . is for "specials." Slow wash speed in warm water is kind to woolens—won't "pill" blankets or sweaters. Fast spin speed gets out the extra water that woolens absorb.

**OTHER FEATURES:** Big capacity; Cold Water Wash; Rinse Dispenser; Soda Return (optional); General Electric Written Warranty; choice of colors or white. At your G-E dealer's now, with matching dryer.



\*After small down payment. See your G-E dealer for his prices and liberal terms. Buy now for extra values! General Electric Co., Appliance Park, Louisville 1, Kentucky

*Progress Is Our Most Important Product*

**GENERAL  ELECTRIC**





IN PERUVIAN ANDES, Indians have barrel chests—can take in vast amounts of oxygen. They can easily carry enormous loads of potatoes at 11,000 feet.

## COPYING HIGH-ALTITUDE INDIANS

The basis for Dr. Balke's beliefs was a study made in the Peruvian Andes which shows that the Indians there can do hard work even in the thin air of high altitudes. Balke decided that sea-level Americans could be trained to do the same thing. To toughen himself and others for his planned experiment in the space chamber, he took six men, including Sergeant Karst, from Randolph Field's School of Aviation Medicine to the Colorado Rockies. At 11,000 feet up on Mount Evans, he and his men hiked, sprinted, jumped, did vigorous calisthenics and carried heavy loads, including one another. In a test chamber on the mountain, they simulated altitudes up to 56,000 feet for short periods of time. Sergeant Karst, who had conditioned himself the most strenuously, was considered best qualified to share Balke's 10-day ordeal.



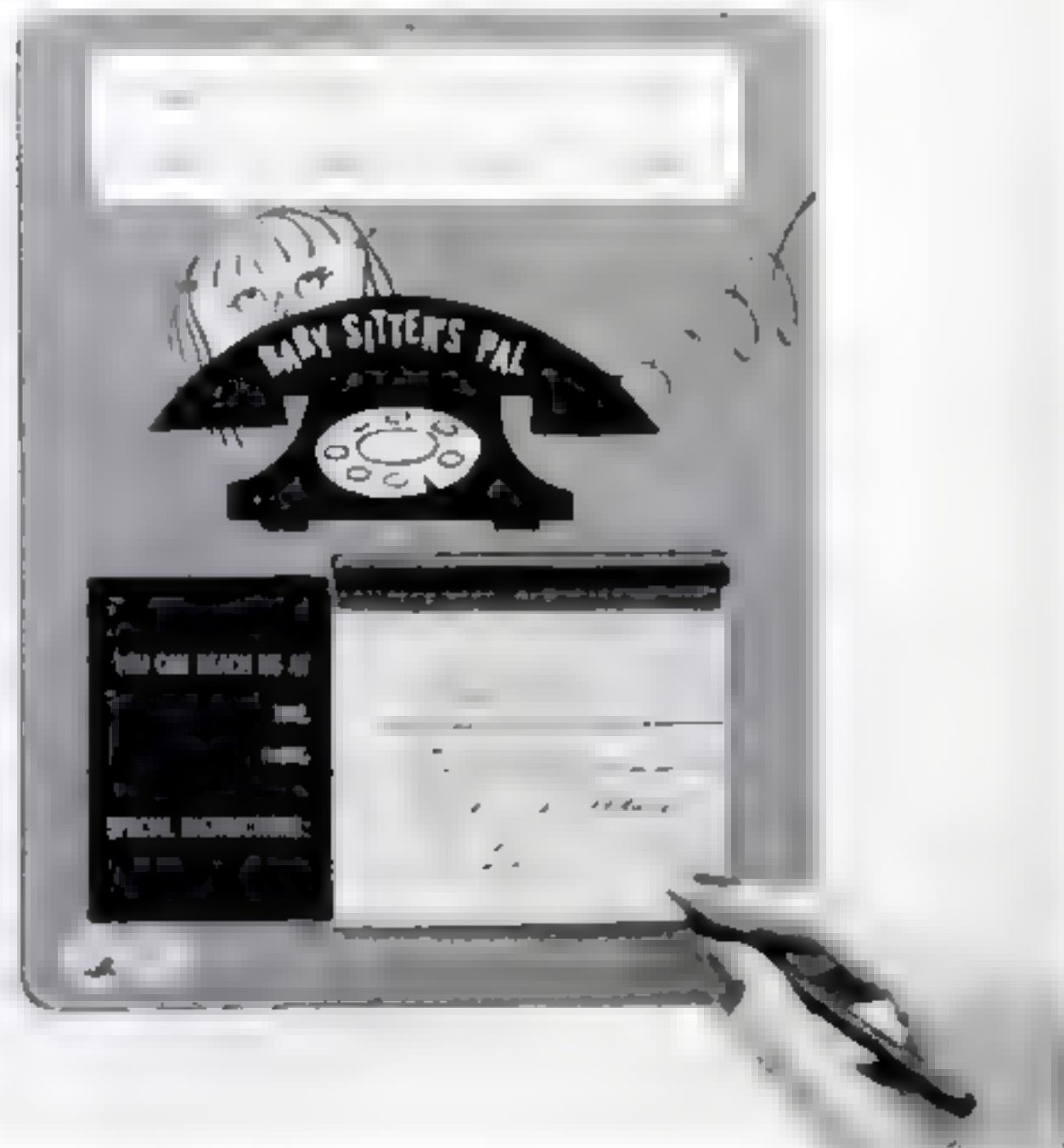
IN COLORADO ROCKIES, Dr. Balke's researchers carry one another on backs to develop high-altitude endurance. Here Balke carries Sergeant Karst

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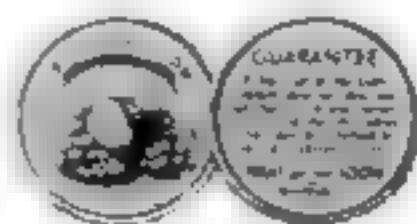


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**BABY SITTER'S PAL**



You can't buy it—but it's yours **ABSOLUTELY FREE!** The **BABY SITTER'S PAL** is Mom's handy helper... made so you can use it over and over again! So easy to get: simply send in three labels from any Fruit of the Loom Socks.\* You'll find wonderful assortments of these famous socks for Mom, Dad, Sis, Brother and Baby at nearby F. W. Woolworth stores and department and variety stores in your city. All *Lawstized* for lasting smoothness. America's greatest sock value... from

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*The 33rd in a Series of Advertisements  
Presented by New York Life to Help Guide  
Our Children to a Better Future*

# Should your child be a Mathematician?

*by*

**NORRIS E. SHEPPARD**

Professor of Mathematics, University of Toronto  
( As told to DONALD ROBINSON )

THE BOY who chooses mathematics as a career will be joining illustrious company. He will become a colleague of Euclid, Descartes and Gauss. He will be walking with the great Johannes Kepler who figured out the three laws that govern the planets' movements around the sun; with Sir Isaac Newton who explained gravity in one mathematical formula; with Albert Einstein who postulated the magnificent theory of relativity that unlocked this atomic age.

Could one follow in more golden footsteps?

The actual associates whom the boy will have in his life as a mathematician will be distinguished, too. He may rub shoulders with the men who have helped to give the world radar, supersonic flight, and nuclear power for industrial use.

Could one want more exciting, stimulating partners?

Most important, the boy who makes mathematics his field has a chance to achieve greatness himself. Some people have a notion that mathematics is a dead science. They think that all its problems have been solved and tucked away in dry textbooks.

That isn't so.

There are vast, vital areas in mathematics awaiting exploration by deep mathematical thinkers. I feel certain, for example, that within our lifetime someone is going to make great forward strides toward understanding the behavior of the tiny particles of energy of which all matter is composed.

It could be your son or daughter.

Someone surely is going to work out the mathematical formulas that will enable mankind to travel safely to Mars and far beyond into distant space.

It could be your son or daughter.

Can you think of a more important, thrilling arena for a qualified individual to enter today? Recognition among science's immortals is within the realm of possibility for genuinely gifted boys and girls.

I can assure you of this as well. The young mathematician will receive the heartiest of welcomes in his profession. We have a crying need for new people. Excluding secondary school teachers, the total number of persons with college degrees or their equivalent who are earning a living as professional mathematicians in the United States and Canada is under 25,000. That is, fewer than one person in every 7,000.

The shortage of mathematicians is acute in every

sphere. Universities, industrial companies, insurance firms, other businesses, and governmental agencies are all hungry for mathematically trained personnel. Job openings are plentiful both in Canada and the United States.

But this I warn you. To get ahead in mathematics, a youngster must be good.

A noted mathematician who holds a high-ranking position in industry remarked recently,

"No one wants the advice of mediocrity. Among mathematicians, there is no place for the so-called average man."

I fully agree with him.

The youngster who goes into mathematics will be taking up the oldest and one of the noblest of sciences. It is more than the science of numbers. It is even more than a science that allows us to grasp the real significance of time and space. It is the science which trains a man to cope with unknown quantities and to translate their relationships into logical, comprehensible patterns.

A wide variety of specialties is available to the new mathematician. Research in pure mathematics is one.

Here a man seeks basic truths with no thought of any use to which they may be put. To the pure mathematician, truth is its own justification.

Such work may sound valueless to some people. They are wrong. Most of the practical mathematical tools now at our disposal came to us from these basic truths. As time went on, someone discovered an application for them.

It was that way with James Clerk Maxwell's theory of electro-magnetic waves. When Professor Maxwell first brought it forth in 1873, he wasn't thinking of TV broadcasts. But his theory made them possible. It explained the nature of radio waves.

As a rule, pure research of this sort is done at universities in conjunction with teaching. The young man interested in it usually starts as an instructor in the mathematics department.

A person who wants only to teach, and not to concern himself with research, can get a university post, too, of course. Or, should he prefer, he can obtain a place in secondary schools. The contribution he may make there cannot be overestimated.

For the man who likes immediate, practical results

Today, electronic "brains" such as the computer shown below can save months of human calculations in solving a problem. But the mathematician must first work out the complex details of the problem to be fed the computer, then put the answers to practical use.





from his research, there is applied mathematics. In this he can employ established mathematical techniques to help resolve particular scientific and industrial problems.

More and more, Government and industrial organizations are turning to mathematicians for assistance along these lines. In the airplane field, for instance, mathematicians are working on turbulence, vibrations and stability, rocket propulsion. In oil, they are involved in reservoir studies, seismological investigations, questions of magnetism.

The fact is that a competent mathematician can be worth his weight in gold to an industrial concern. With his calculus and other techniques he can often predetermine the effects of various operations. This means that his company may not have to spend fortunes to run expensive experiments. The mathematician is often able to indicate the results in advance.

The mathematician is particularly useful during the very early stages of a project. He is the man with the coldly analytical viewpoint who sees where the major problems lie and is able to spell them out in terms that permit a solution.

When work commenced on Nike, the United States Army's crack anti-aircraft missile, a team of top experts was collected from the aerodynamic, radar, digital, circuitry and related fields. Plus the military. They were unable to move, however, until the mathematicians outlined the way.

Why?

It took mathematicians to spot the essential ideas that lay obscured among the many details and divergent languages of the other sciences.

"Frankly," a member of the Nike team has said, "if it hadn't been for the mathematicians, it would have taken us years more, perhaps decades, to perfect Nike."

Today the applied mathematician has a splendid ally in the electronic computer—the fabulous machine that can make 3,600,000 different computations in a single minute.

Don't be confused by these electronic "brains," though. They don't do the thinking. The mathematicians do. It is the mathematicians who define the problems, divide them into their component parts and prepare instructions for the computer so that it can solve them.

Another big field for mathematicians is statistics—the collection and interpretation of facts on a mathematical basis. It is also a highly challenging field.

Take government censuses. It is statisticians who design and direct them, and who interpret the findings.

Take government figures on foreign trade, business conditions, wage levels, cost-of-living, public health. It is statisticians who provide them.

Governments couldn't function without them.

Nor could industry. Statisticians keep management abreast of what's happening in a company. They develop statistical facts on production methods, distribution programs, sales trends and lots more. They are especially good at quality control. The systems they devise make it feasible for manufacturers to inspect just a few items going down the production line instead of every one.

Then there's polling. It's hard to believe, I suppose, that one can gauge the opinion of tens of millions of people by sampling merely 2,000 or 3,000. Thanks to the statisticians, it usually can be done with reasonable accuracy.

Is it any wonder that statistics is called "the arithmetic of human welfare"?

Finally, we reach my own specialty—that of the actuary. In the life insurance business the actuary is indispensable.

The actuary is the mathematical pilot of a life insurance company. He prepares the tables of death rates and calculates the premiums that must be charged. He determines the benefits that go into policies. He reckons the money that must be laid aside to provide for payment of these benefits in the years to come. He even determines the amount of dividends to be paid out.

His is a full desk.

Actuaries are important in government, too. The operation of our Canadian and American social security systems depends on them. And they can be found in

private practice, where they act as consultants to various welfare and pension funds.

It is a very gratifying profession. You do so much good toward protecting people's futures.

I remember when I was called in as one of a three-man board to evolve a pension program for the employees of the United Nations—thousands of them. Our assignment was to develop a basis whereby these people, who'd come from the four corners of the globe to work for world peace, would be assured security in their old age.

It required weeks of hard labor, but eventually we arrived at a plan that did the job.

"The United Nations is deeply grateful," we were told.

Could one wish for higher recompense?

Naturally, you'd like to know the financial prospects for mathematicians. I would say that, in the main, they're excellent.

A college teacher of mathematics, with a Ph.D., generally begins at about \$5,000 a year and may go up to \$18,000. In addition, he is frequently requested to do consulting work during summer vacations. This can add thousands to his income. The earnings of a high school mathematics teacher are, unfortunately, lower. The ceiling is about \$8,400. He may pass the \$10,000 mark as a principal, however.

In industry, an applied mathematician, with a Ph.D., can start at \$7,200 and soar to \$30,000. Or more. In government service the wage scales are understandably less. They run between \$3,100 and \$14,000 in the United States, between \$3,750 and \$12,000 in Canada.

Actuarial salaries in life insurance companies can be especially good. The college graduate with a B.A. and the necessary qualifications can anticipate earning about \$4,500 at the outset and worthwhile increases thereafter. Chief Actuaries may make as much as \$35,000 a year. Some have gone even higher. They have risen to be presidents of life insurance companies with annual salaries of \$75,000, \$100,000 or even more.

No matter which field the mathematician enters, he can count on a high degree of security. Pension programs are widespread, and personnel turnover is small. The hours are not arduous, vacations are ample and the life is a pleasant one. Most of all, mathematicians enjoy the respect of their fellow-scientists and the public at large.

To be sure, there are drawbacks. If you do original research, you stand the chance of having your findings neglected. Big ideas can linger unrecognized for long periods. That can be a miserable experience.

Sometimes the problems you must tackle, in pure or applied research, are so mammoth in scope, so herculean, that they seem overwhelming. You become very discouraged.

"Oh, how I wish I'd never started on this!" I heard a researcher say the other day.

I understood just how he felt.

I said before that a person must be good to get ahead in mathematics. It is very true, and I would urge you to weigh carefully whether your child has the proper qualifications. Does he have a keen, logical mind and an insatiable curiosity? Is he imaginative? Does he relish his mathematics courses and earn top grades in them? Is he quick at solving mathematical problems in his head?

The answers to all these questions should be a rousing "Yes!"

In addition, your child should be the kind who won't accept any textbook answer as the final word on anything. He should know instinctively that there are no pat answers to most questions and he should constantly seek different ways of doing things. Always he should look on every new subject as a challenge.

What about girls?

Many women are in the field. There are good opportunities for them in statistical research positions with corporations. As a matter of fact, in the American Statistical Association, they make up ten per cent of the membership. There is a very urgent need for properly qualified teachers of mathematics, particularly in high schools. Women who have specialized in mathematics can be of real help in this area. It is, of course, a fact that while many women have the necessary talents to become successful mathematicians, few of them continue in this work long enough to reach the top in research or industry.

So far as education for a mathematical career is concerned, I would say the more of it the better. A Ph.D. is now almost imperative both in industry and the academic world. It helps in the actuarial profession, too, though it is not a prerequisite there. To achieve full professional status as an actuary, you have to pass a series of stringent examinations given by the Society of Actuaries or the Casualty Actuarial Society in the United States and Canada. Graduate school training will help you through them.

Unquestionably, the six or seven years of schooling necessary for a Ph.D. can be expensive. When you include board and lodging as well as tuition, it can cost \$15,000. However, large numbers of scholarships and fellowships are available. So many that there is no good financial reason why a talented student should have to go without the education he needs for success.

While we are on the subject of education, let me say this, too. Even if your child doesn't wish to become a mathematician, I would recommend that he take as much mathematics as he can, both in high school and in college. No matter what career he embraces, the training in analysis and logical thinking which mathematics gives will prove invaluable to him in later life.

However, I hope that your child does want to be a mathematician. Mankind is now in the atomic age. We're on the verge of the space age. Mathematicians can guide our way. We need more of them—desperately—to broaden our horizons and to keep us free.

*nylic*

## HOW TO HELP YOUR CHILD HAVE THE CAREER HE WANTS

*Many factors will enter into your child's choice of a career—his interests, his ambitions, his abilities, the counsel he receives from teachers, friends and family. But, most of all, it will depend on his opportunities to get the training he needs to enter the field of his choice.*

*Even though his college days are still years away, it's never too soon to start making sure that your child will have the opportunity to continue his education when the time comes.*

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### Booklets available on many careers

*This article on Mathematics is one of a continuing series on career opportunities for young men and women. Thus far, similar articles have been prepared on Newspapering, Law, Medicine, Accounting, Teaching, Architecture, Aeronautical Engineering, Electronic Engineering, Public Service, Farming, Chemistry, Selling, Nursing, Starting a Business of Your Own, Pharmacy, Dentistry, Banking, Printing, Home Economics, the Mineral Industry, Personnel Work, Retailing, Atomic Science, Librarianship, the Armed Forces, Engineering, Food Retailing, Medical Technology, Traffic Managing, Secretarial Career, Scientific Career and Social Work. Each is available in booklet form and will be sent to you on request. You'll also find additional help in our free booklet, "The Cost of Four Years at College." Just drop a postcard to:*

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IN SPARKLING HAPPINESS SOPHIA LOREN, AS CINZIA, THE PSEUDO HOUSEKEEPER, PREPARES TO WED HER BOSS

## Gay Sophia Gets Her Man



Since she emerged from Italian film studios to become one of the great world stars, Sophia Loren has played a succession of serious roles. Most recently she was the enigmatic heroine of *The Key* and the tragic farm girl of *Desire under the Elms*. Now, in Paramount's *Houseboat*, Sophia appears with Cary Grant in one of the gayest of this year's movie comedies.

The film proceeds in a series of delightful improbabilities. A widower, Cary mistakes Sophia for an applicant for a housekeeper's job and hires her. Because his house was run over by a railroad train while being moved from one lot to another, he establishes her and his three children on a crumbling old houseboat. And with Sophia under his very nose, Cary keeps thinking of marrying someone else.

In the end, of course, reason prevails and the houseboat keeper becomes Cary's bride.

**PAINTING THEIR HOME**, Cary Grant and his children and housekeeper spruce up the houseboat.



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A WOMAN NEVER FORGETS THE MAN WHO REMEMBERS







# MONTGOMERY'S DESERT DARING

Starting his memoirs, the great general tells how he disobeyed orders, took over a whipped army, changed strategy—and smashed the Germans

Bernard Law Montgomery was one of the most spectacular and controversial generals of World War II. At the start of the war in September 1939, Montgomery was an obscure major general who only recently had been pulled out of an officers' pool to command a division. Less than five years later he commanded all British and American ground forces during the opening stages of the invasion of Europe, and when he retired from active service last month he was Deputy Supreme European Commander for NATO. Outspoken, confident, critical of others,

Montgomery himself has been sharply criticized by some U.S. officers who served with him in the war. In his forthcoming book, "The Memoirs of Field-Marshal Montgomery" (to be published by the World Publishing Company, New York and Cleveland, on Nov. 3), he makes public his version of events for the first time. The article that follows, taken from the book, is the first of three instalments which LIFE will publish in successive issues. This instalment begins in 1942; Montgomery had already fought in France and been made a corps commander at Dunkirk.

by FIELD MARSHAL VISCOUNT MONTGOMERY OF ALAMEIN

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**E**ARLY in August 1942, while I was in Scotland observing a training exercise, the war office telephoned me to return at once: I was to take over command of the First Army and begin work on the plans for the landing in North Africa in November.

As I was shaving in London the morning after my return the War Office telephoned again and said these orders were canceled. I was to proceed to Egypt to take command of the Eighth Army in the desert. The general scheduled to take command had been killed.

General Sir Harold Alexander was already in Egypt and I would be serving under him. I was to take command of an army which was at grips with a German and Italian army under the command of Field Marshal Erwin Rommel, of whom I had heard great things. This was to my liking and I felt I could handle that business, and Rommel. It was true that I had never fought in the desert and I would have under me some very experienced generals who had been out there a long time. However Rommel seemed to have defeated them all, and I would like to have a crack at him myself.

I left England by air on the night of the 10th August. During the journey I pondered over the problems which lay ahead.

From what I read and heard, Rommel's forces consisted of holding troops, who manned static defense positions, and mobile troops used to counterattack and to form the spearhead of offensives. The holding forces consisted largely of Italians and were mostly unarmored. The mobile forces were German and for the greater part armored. The *corps d'élite* was the Panzer Army.

I came to the conclusion that the Eighth Army must have its own Panzer Army—a corps strong in armor, well equipped and well trained. It must never hold static fronts; it would be the spearhead of our offensives. The formation of this corps of three or four divisions must be a priority task.

Then there was the question of morale. From what I had learned the troops had their tails down and there was no confidence in the higher command. This would have to be put right at once.

I arrived at Cairo early on the 12th August. I was taken straight to General Sir Claude Auchinleck, who was still Commander in Chief of the Middle East, although General Alexander was soon to relieve him. Auchinleck took me into his maproom and shut the door. He explained to me his plan of operations: at all costs the Eighth Army was to be preserved "in being" and must not be destroyed in battle. If Rommel attacked in strength, as was expected soon, the Eighth Army would fall back on the Delta. If Cairo and the Delta could not be held, the army

would retreat southward up the Nile, or would withdraw to Palestine.

I listened in amazement. I asked one or two questions, but I quickly saw that he resented any question directed to immediate changes of policy about which he had already made up his mind. So I remained silent.

He then said I was to go down to the desert the next day and spend two days at Eighth Army HQ, getting into the picture and learning the game. He was himself still commanding the Eighth Army, and he had ordered Acting Lieut. General William Ramsden to act for him. I was not to take over command till the 15th August, the day on which he would hand over to Alexander. In the event of some crisis occurring, he himself would at once come to Eighth Army HQ and take direct command again from Ramsden. It all seemed most peculiar and I got out of the room as soon as I decently could.

I then went in search of Alexander; I soon found him in the headquarters, calm, confident and charming, as always. I outlined to him my ideas and got his general agreement to the course of action I would pursue in the Eighth Army.

At 5 a.m. on the 13th August I left to go down to the desert. On the way the Director of Military Intelligence in the Middle East, Brigadier (now Major General Sir Francis) de Guingand gave me a first-class review of the situation and the causes of it. Freddie de Guingand and I were old friends. He had a quick and fertile brain and I had in the past regarded him as an outstanding officer. I asked him about the morale of the officers and men. He said it wasn't good. The Eighth Army wanted a clear lead and a firm grip from the top. There was too much uncertainty and he thought the "feel of the thing" was wrong.

## The need for a chief of staff

**T**HE magnitude of the task in front of me was beginning to be apparent. I must have someone to help me, a man with a quick and clear brain, who would accept responsibility and who would work out the details and leave me free to concentrate on the major issues—in fact, a chief of staff.

Was Freddie de Guingand this man? We were complete opposites; he lived on his nerves and was high strung; in ordinary life he liked wine, gambling and good food. Did these differences matter? I quickly decided they did not. Indeed, differences were assets.

Before we arrived at Eighth Army HQ I had decided that de Guingand was the man. I would make him my chief of staff with full powers and together we would do the job. But I did not tell him then.

When we arrived at the desert headquarters of the Eighth Army at about 11 a.m. the sight that met me was enough to lower anyone's morale. It was a desolate scene: a few trucks, no mess tents, flies everywhere. I asked where Auchinleck used to sleep; I was told that he slept

← THE AUTHOR stands amid war relics. At left is the captured Italian trailer he used in Africa. Behind him is tapestry made of badges of units he commanded.



# MONTY TELLS OF EARLY INFLUENCES

My childhood was unhappy. I was the bad boy of the family, the rebellious one, and as a result I learned early to stand or fall on my own. My early life was a series of fierce battles from which my mother invariably emerged the victor. If I could not be found anywhere, she would



YOUNG MONTY struck cocky, combative attitude at age of 9

say, "Go and find out what Bernard is doing and tell him to stop it." But the constant defeats and beatings with a cane, and these were frequent, in no way deterred me. The net result of the treatment was probably beneficial. If my strong will and indiscipline had gone unchecked the result might have been even more intolerable than some people have found me. However, it is not surprising that under such conditions all my childish affection and love was given to my father.

In 1902 my brother and myself were sent to St. Paul's School in London. I hurled myself into sport and in little over three years became captain of the Rugby and the cricket teams. For the first time in my life leadership

and authority came my way. For the first time I could plan my own battles and there were some fierce contests.

I began to know fear when very young and gradually withdrew into my own shell. When I went to school in London I had become self-sufficient, intolerant of authority and steeled to take punishment. By the time I left school an important principle had begun to penetrate my brain. That was that life is a stern struggle and a boy has to be able to stand up to the buffeting. There are many attributes which he must acquire to succeed. Two are vital—hard work and absolute integrity.

My company at Sandhurst contained a rowdy crowd and my authority as lance corporal caused me to take a lead in their activities. The climax came when during the ragging of an unpopular cadet I set fire to the tail of his shirt. He was unable to sit down with any comfort for some time. He behaved in an exemplary manner in refusing to disclose the author of his ill-treatment, but one's sins are always found out and I

was reduced to the ranks. This was a jolt. I turned over a new leaf and worked really hard in my final months at the military college. I graduated 36th in my class.

In my first regiment all the newly joined officers had to call on all the other units. You were offered a drink in each mess and it was explained to me that these must never be declined. An afternoon spent in calling on regimental officers' messes resulted in a considerable consumption of alcohol. I have always disliked alcohol since.

To an ambitious young officer with an inquiring mind many things seemed wrong about the army in World War I. I went through almost the whole war on the western front. When the war ended I was chief of staff of a division, but I never once saw the British commander in chief and only twice did I see an army commander. The higher staffs were out of touch with the regimental officers and with the troops. The former lived in comfort which became greater as the distance of their headquarters behind the lines increased. The frightful casualties appalled me. The so-called "good fighting generals" of the war appeared to be those who had a complete disregard for human life.

In 1930 I was selected to rewrite the manual of infantry training. All my work had to be approved by a committee in the war office and some heated arguments took place. I then recommended that the committee should disband and that I should complete the book in my own time; this was agreed. I produced the final draft, omitting all the amendments the committee had put forward. The book when published was considered excellent, especially by its author.

I recognize that I have often been a controversial figure. But my actions, thoughts, mistakes have been but human. Throughout my life and conduct my criterion has been not the approval of others or of the world; it has been my inward convictions, my duty and my conscience. I have never been afraid to say what I believed to be right and to stand firm in that belief. This has often got me into trouble.

In the period after World War I, I was certain that my country would be involved in another war. I was determined to be prepared when the call came. I had at times a kind of inward feeling that the call *would* come, to me personally, and in my prayers I used to ask that I might be given strength so that I might not fail when put to the test.

## MONTGOMERY CONTINUED

on the ground outside his caravan. Tents were forbidden in the Eighth Army; everyone was to be as uncomfortable as possible.

I asked where was the Air Force HQ. I was told it was many miles back. The Army and the Air Forces appeared to be fighting two separate battles. The Acting Army Commander, General Ramsden, met me. I cross-



GENERAL MONTY used this cocky beret as his "signature."

examined him about plans for a withdrawal if Rommel attacked, but I had difficulty extracting from him exactly what was to be done. There was an air of uncertainty about everything.

It was clear to me that the situation was quite unreal and, in fact, dangerous. I decided at once to take action. I had been ordered not to take over command of the Eighth Army till the 15th August; it was still only the 13th. I knew it was useless to consult GHQ and that I must take full responsibility myself. I told General Ramsden he was to return at once to his corps. He seemed surprised, but he went. I then had lunch, with the flies and in the hot sun. During lunch

I did some savage thinking. After lunch I wrote a telegram to GHQ saying that I had assumed command of Eighth Army. This was disobedience, but there was no comeback. I then canceled all previous orders about withdrawal. We would fight on the ground we now held and if we couldn't stay there alive we would stay there dead.

I decided to leave the HQ quickly in case any repercussion came from GHQ about my sudden seizure of command. But before going I told de Guingand to assemble the whole staff at 6 p.m. that evening so that I could speak to them. I set out for the southern flank. On the way I sat in the back of the car and studied the map. My guide, an officer of Army HQ, sat in front with the driver. After a time the car stopped and I asked my guide if he knew where we were. He said he was lost.

I then noticed we were inside a large wired-in inclosure and I asked what it was. He said we were in the middle of a mine field. I wasn't too pleased. I told the driver to back the car along our tracks till we were out of the mine field, by which time my guide had located himself and we started off again.

I got back to Army HQ rather late and found the staff waiting for me. I introduced myself and said I wanted to explain things. We needed more troops in the Eighth Army in order to make my "no withdrawal" order a possibility. Two new divisions had arrived from England and were being used to dig positions to defend the Delta; I would get them out here.

Then from all the bits and pieces in Egypt I was going to form a new corps, the 10th Corps, strong in armor. This would be to us what the Africa Corps was to Rommel. The policy of fighting the enemy with divisions split up all over the desert was to cease. In future divisions would fight *as* divisions.

I did not like the atmosphere I found at Army HQ. No one could have a high morale in a dismal place like this and in such discomfort. We ought to have the headquarters by the sea, where we could work hard, bathe and be happy.

My orders from General Alexander were quite simple—to destroy Rommel and his army. I understood that Rommel was expected to attack *us* shortly. If he came soon it would be tricky, but give us two weeks and Rommel could do what he liked. I had no intention of



# A SOLDIER'S RETREAT

In retirement Field Marshal Viscount Montgomery of Alamein, K.G., plans to retreat for almost the first time in his life into a comfortable round of leisure—of puttering and pruning, parakeet and pigeon raising at his home, a converted old mill, in Isington, Hampshire. Fifty years of being a British army officer lie behind him, a longer term of service than that of any other officer on record including such greats as Wellington and Marlborough.

None of these years has been comfortable or leisurely. The son of a bishop, young Monty had to live on his pay when most officers were gentlemen with outside incomes. Profoundly religious, relentlessly logical and outspoken, he analyzed all problems and personalities in terms of right and wrong, white and black, and frequently ended by fighting fierce engagements with his superiors. Nonsmoking, nondrinking and sternly dedicated to learning the business of war, he found little solace in the officers' mess, its talk of wenching and consumption of port and cigars.

In 1927, now a major, he married a vivacious, fragile wife by whom he had a son, David. Vowing never to have another—babies "entail too much staff work"—he pampered his family efficiently and let their happiness soften his outlook on life for 10 idyllic years. Then in 1937 his wife suddenly died of an infected insect bite. Once more Montgomery withdrew into his profession. When war came he rose rapidly from general to field marshal.

Today Montgomery plans to occupy his unaccustomed leisure with such civic duties as school boards and soccer clubs, speaking engagements and visits abroad, and with his son, daughter-in-law and two grandchildren. Between times he will tend his gardens and sit in Britain's House of Lords where, in 12 years as a peer, he has never delivered a speech.



HOME FRONT is kept neat as Monty prunes shrubbery at Isington. He bought house in 1947,

converting it from old mill. Millstream still runs underneath it. Garage (right) houses Rolls-Royce.



FIELD MANEUVERS are conducted by Monty in his gardens with his orderly, Cpl. John Batchelor (with barrow), and his aide-de-camp's orderly,

Lance Cpl. L. C. Messingham. After retirement he will probably give up his five-man military house staff which also includes a cook and chauffeur.





RALLYING POINT where Montgomery stemmed German tide in Egypt was Alam Halfa ridge. In dunes where Germans bogged down, snails now browse.



FIELD OF VICTORY at Alamein where Monty began African advance is littered with war debris. Helmet on cliff marks left flank of British position.

## PROUD MEMORIES

The battlefields of Alam Halfa, Alamein and Agheila shown on this page and described by Montgomery in this article, lie far away from the rural quietude at Isington. But Montgomery has kept alive his memories of them by making his home a virtual museum of World War II mementos. Among the swords, guns and flags, the photographs and paintings—which include a portrait of Monty by Ike—three spoils of war stand out: the “caravans” or heavy army trailers in which Montgomery lived and worked during the war. The Sleeping Caravan (*above*)

NEAR AGHEILA BOTTLENECK WHERE MONTGOMERY FINALLY ROUTED ROMMEL'S ARMY A CAMEL AMBLES THROUGH MUSSOLINI'S 1937 VICTORY ARCH







SLEEPING TRAILER taken from Germans is inspected by Monty in shed near his home. Crossbow leaning on wheels was given him by city of Ghent.

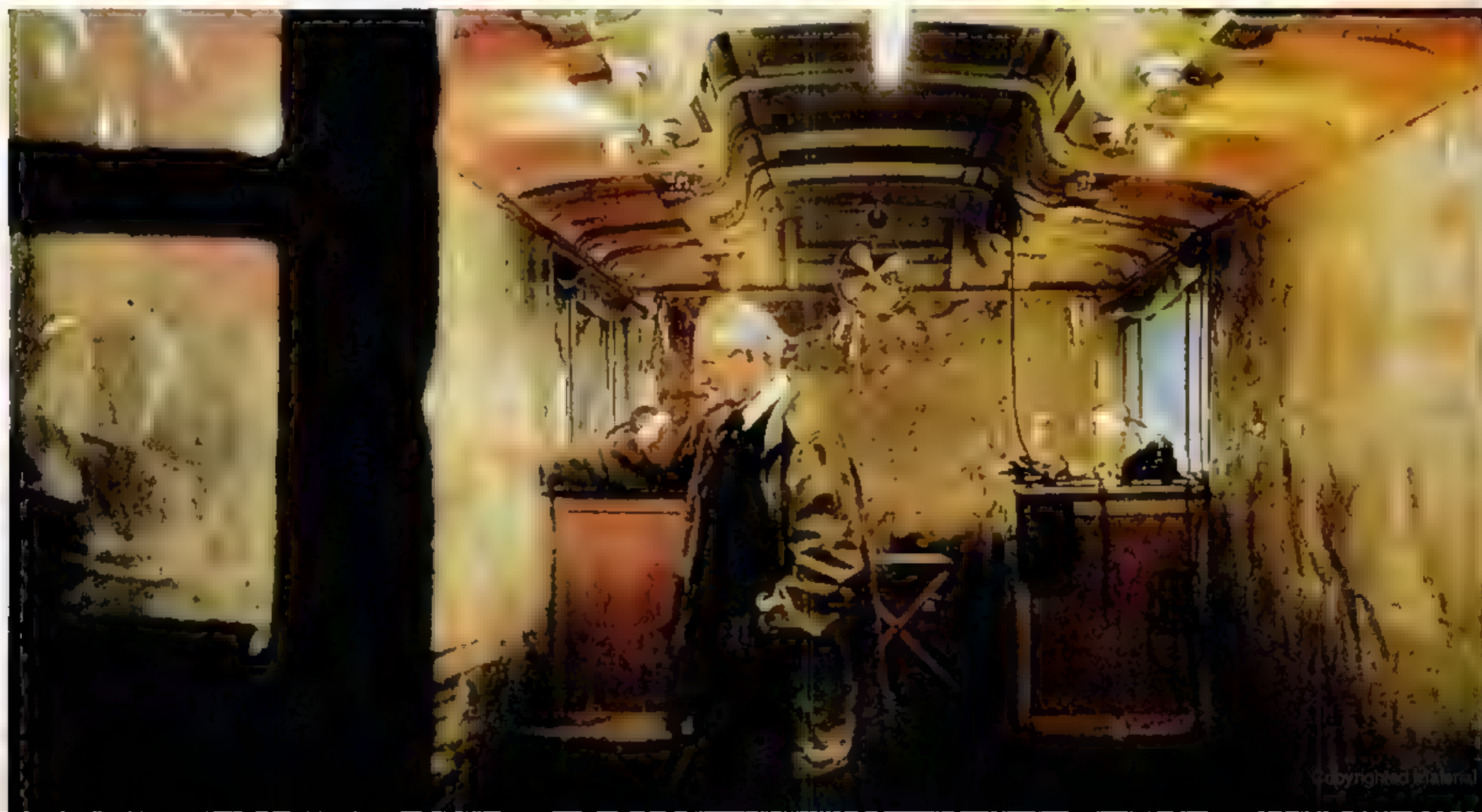
## OF BATTLES WON

served as quarters for Montgomery himself or for illustrious visitors in the field like George VI. The Office Caravan (*upper right*) is furnished with a day bed and a desk at which he still works. The Map Caravan (*below*), given him by a British firm, was where he planned his battles and briefed his staff. In wartime the caravans expressed Monty's belief in the need for a mobile HQ and a quiet place to think. Today, they stand in a shed near his house—only a short walk if he wants to stare at the faces of his former enemies or study again the deployment of his troops



ENEMY FACES of Rommel, Model and Kesselring, which Monty liked to study in war, look down on him as he reads in trailer seized from Italians

IN MAP CARAVAN MONTGOMERY, WEARING PARATROOPER'S SMOCK, STUDIES MAP OF WEST GERMANY WHICH SHOWS TROOP DISPOSITIONS ON V-E DAY





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## MONTGOMERY CONTINUED

launching our attack until we were ready. When that time came we would hit Rommel for six right out of Africa.

"I appointed de Guingand Chief of Staff of the Eighth Army; every order given by him would be regarded as coming from me and would be obeyed instantly.

My talk was listened to in complete silence, but it certainly had a profound effect. A spirit of hope, anyway of clarity, was born that evening. There was to be no more uncertainty about anything. But the old hands thought that my knees were very white!

My first day in the desert had been a good one, though long and tiring. I'm afraid that it was with an insubordinate smile that I fell asleep: I was issuing orders to an army which someone else reckoned he commanded!

I was woken up soon after dawn the next morning by an officer with the morning situation report. I was extremely angry and told him no one was ever to come near me with such details. He apologized profusely and said that Auchinleck was always woken early and given the dawn reports. I said I was not Auchinleck and that if anything was wrong the chief of staff would tell me; if nothing was wrong I didn't want to be told. The offending officer was very upset. So we had an early morning cup of tea together and a good talk, and he went away comforted.

## The plan to stop Rommel

ALL indications pointed to an early attack by Rommel. He would probably make his main effort on the south flank and would then carry out a right hook in order to get in behind the Eighth Army. He could not leave the Army intact and pass on toward the fleshpots of Egypt; he must first destroy the Eighth Army, after which the fleshpots were all his for the asking.

That being the case, the outline of my plan was at once clear.

The northern flank must be strengthened with mine fields and wire so that it could be held with a minimum of troops; I need not visit that front for the moment. The southern flank demanded careful consideration. I spent the day examining the ground. The key to the whole Alamein position was the Alam Halfa ridge, several miles in rear of the Alamein line. It was undefended because there were no troops available.

I had pondered deeply over what I had heard about armored battles in the desert and it seemed to me that what Rommel liked was to get our armor to attack him. He then disposed of his own armor behind a screen of antitank guns, knocked out our tanks and finally had the field to himself. I was determined that would not happen this time. His tanks would come up against our tanks dug in in hull-down positions at the western edge of the Alam Halfa ridge.

I decided to ask GHQ for one new division to be sent to the Eighth Army at once, and to position it to hold the Alam Halfa ridge. I asked that another should be sent to me later.

And so by the 15th August, the day on which Auchinleck had ordered me to assume command of the Eighth Army, I had already been in command for two days and we had got things moving in the right direction. Above all, by taking grip we had already achieved a definite lift in morale. This was important, as the spirit of the warrior is the greatest single factor in war.

The prime minister visited the Eighth Army on the 19th August. He stayed that night with me at our headquarters on the shore near Burg El Arab, to which we had moved. He bathed in the Mediterranean before dinner. He had no bathing costume and I had some difficulty in keeping the press away as he walked toward the sea in his shirt. We had great fun that night in our mess and de Guingand had arranged suitable wine and old brandy for the prime minister.

I HAD made it clear to the Eighth Army that "bellyaching" would not be tolerated. Previously, orders had generally been queried by subordinates right down the line. I was determined to stop this state of affairs at once. Orders no longer formed the base for discussion, but for action.

I had taken command of truly magnificent material, but officers and men were bewildered and this had led to a loss of confidence. "Brave but baffled," the prime minister had called them. This loss of



RIGHT-HAND MAN to Montgomery was Brigadier Francis de Guingand, chief of staff of the Eighth Army.





## We might have lost everything

(Based on Company Files #TC53-74 & 75)

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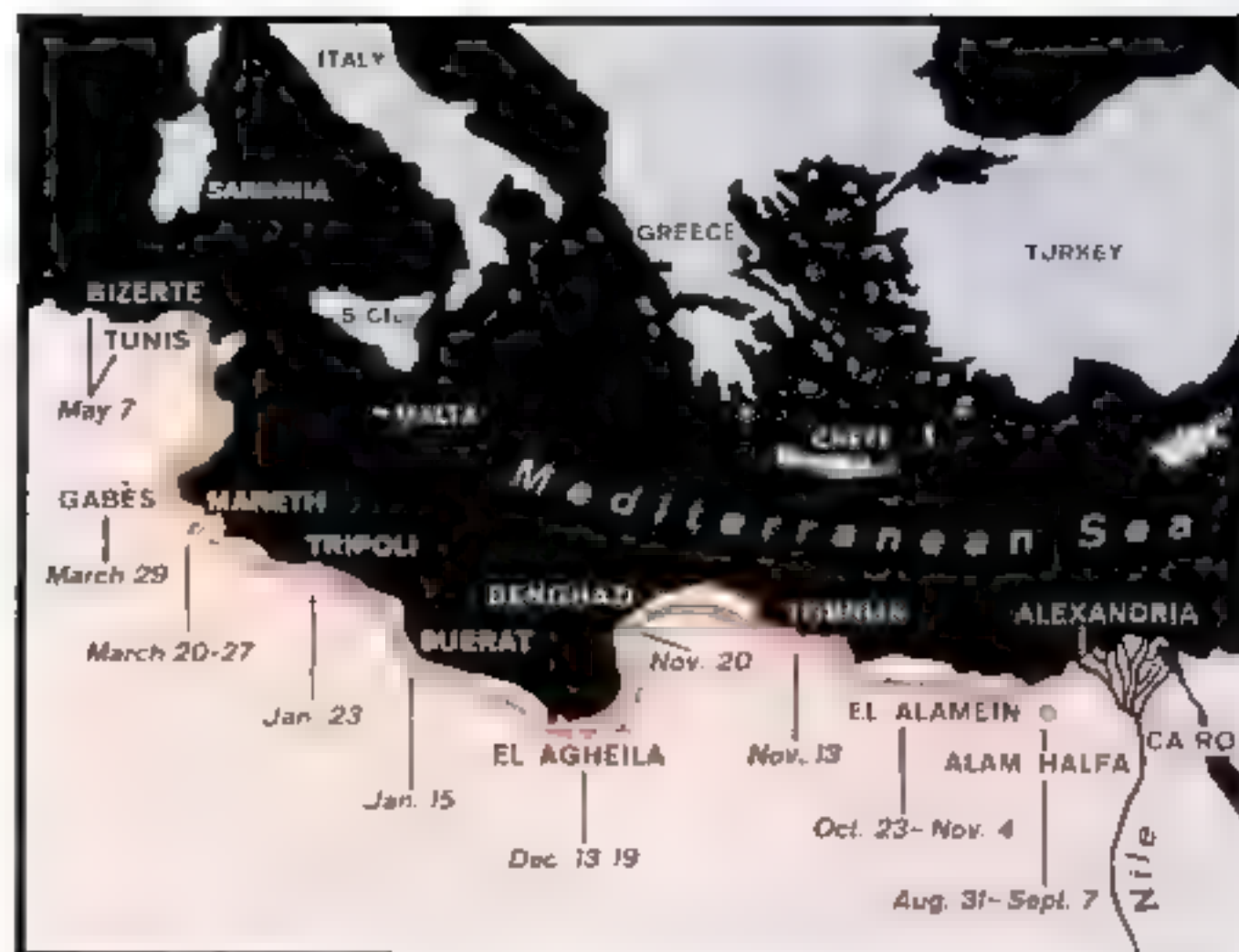
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VICTORY ROUTE of Eighth Army under Montgomery started at El Alamein 160 miles from Cairo, finished six months and nearly 2,000 miles later at Tunis. Dates show duration of battles or day British captured key points

## MONTGOMERY CONTINUED

confidence was becoming dangerous and could only be eradicated by a successful battle. I could not myself attack; Rommel must provide that opportunity for me.

I decided to hold the Alam Halfa ridge strongly with one infantry division and to locate my tanks just south of its western end. Once I was sure that the enemy main thrust was being directed against the Alam Halfa ridge, I planned to move the armor into the path of the attack. I was so sure that this movement would take place that I ordered it to be actually rehearsed, and when it *did* take place on the morning of the 1st September I had some 400 tanks in position, dug in and deployed behind a screen of antitank guns.

I had gone to bed at my usual time on the night of the 31st August and was asleep when Rommel's attack began soon after midnight. De Guingand tells his own story about that night. He decided he should wake me up and tell me the news. He said I merely replied, "Excellent, couldn't be better," and went to sleep again at once. I don't remember but am prepared to believe him. I was confident that if everyone obeyed orders we must win this battle.

We fought the battle as I had laid down. Once Rommel's forces had beaten up against our strong positions, they became unable to move. We then concentrated on shooting them up from all directions, and the Desert Air Force attacked them from the air. After a few days the enemy losses in vehicles were so severe that he had to consider a withdrawal.

When I saw that Rommel's forces were in a bad way, I ordered a thrust southward to close the gap through which they had entered our positions. The enemy reaction was immediate and violent. They began to pull back quickly to the area of our mine field through which they had originally come. We left them there and I called off the battle.

I have sometimes been criticized for not following up Rommel's withdrawal by launching the Eighth Army to the attack. There were two reasons why I did not do so. First, I was not too happy about the standard of training of the army or the equipment situation. Second, I was not anxious to force Rommel to pull out. We would prefer to bring him to battle, when we were ready, at the end of a long and vulnerable line of communications—with ours short. Such would be his situation if he stood to fight at Alamein.

Thus the battle of Alam Halfa ended in the way we wanted.

THE Eighth Army consisted in the main of civilians in uniform, not of professional soldiers. It seemed to me that to command such men demanded not only a guiding mind but also a point of focus—or to put it another way, not only a master but a mascot. I deliberately set about fulfilling this second requirement. It helped, I felt sure, for them to recognize as a person—as an individual—the man who was putting them into battle. To obey an impersonal figure was not enough. They must know who I was. This analysis may sound rather cold-blooded, a decision made in the study. And so, in origin, it was—and I submit, rightly so. I readily admit that the decision was personally enjoyable. For if I was able thereby to give them a sense of unity, the experience enabled me to get to know them too—and, as time went on, to feel the affection they generously extended to me.

I started in the Alam Halfa battle by wearing an Australian hat—

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## MONTGOMERY CONTINUED

first of all because it was an exceedingly good hat for the desert, but soon because I came to be recognized by it. Later I took to a black beret, again for utilitarian reasons in the first place. But what started as a private joke with the tank regiment which gave it to me became in the end the means by which I came to be recognized throughout the desert. I soon learned that the arrival of the double-badged beret on the battlefield was a help. They knew that I was about, that I was taking an intense and personal interest in their doings and that I was not just sitting about somewhere safe in the rear, issuing orders. The beret was functional in the way a "brass hat" could never have been. It became, if you like, my signature. It was also very comfortable.

When the battle of Alam Halfa was over I wrote to a friend in England, "My first encounter with Rommel was of great interest. . . . I feel that I have won the first game, when it was his service. Next time it will be my service, the score being one-love."

First, certain matters demanded immediate decision. Eighth Army leadership, equipment and training were deficient. I remember the shock I received on visiting a certain unit and asking the C.O. if he trained his officers, and how it was done. The C.O. replied without hesitation that he had handed that task over to his second-in-command. I came across the second-in-command later in the day and said, "I understand you are responsible for training the officers in the unit. Tell me how you do it." He replied that he did not do so, that it was done by the C.O. I ordered that a new C.O. be found for that unit at once; it was clear that nobody trained the officers.

On the higher level also I made extensive changes—two new corps commanders, a new general for the armored division, a new commander of artillery and many others. (When I told a senior officer at GHQ that I must have a new head gunner, he remarked that the present man was a delightful person and was also a golf champion. I agreed he was delightful but added that unfortunately the game we were about to play was not golf.)

### A difficult task

**A**FTER the battle of Alam Halfa the basic problem that confronted us was a difficult one. The problem was, first, to punch a hole in the enemy positions; second, to pass my new 10th Corps, strong in armor and mobile troops, through this hole into enemy territory; then, third, to develop operations so as to destroy Rommel's forces.

A full moon was necessary. The mine field problem was such that the troops must be able to see what they were doing. We could not be ready for the September moon and be sure of success. There must be no more failures. I notified Alexander that I would attack on the night of 23rd October.

The comeback from Whitehall was immediate. Alexander received a signal from the prime minister to the effect that the attack must be in September to synchronize with certain Russian offensives and with the Allied landings in French Morocco and Algeria early in November. Alexander came to see me to discuss the reply to be sent. I said it would be madness to attack in September and that if a September attack was ordered by Whitehall, they would have to get someone else to do it. Alexander backed me up wholeheartedly as he always did. We heard no more about a September attack.

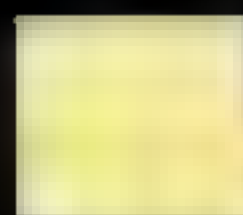
The gossip is, so I am told, that the plans for Alamein, and for the conduct of the war in Africa after that battle, were made by Alexander and that I merely carried them out. This is not true. All the plans were made at Eighth Army HQ. I always kept Alexander fully informed. He never commented in detail on my plans or suggested any of his own. He trusted me and my staff absolutely.

The initial plan for Alamein was to attack the enemy simultaneously on both flanks. The main attack would be made in the north and here I planned to punch two corridors through the enemy defenses and mine fields. The 10th Corps would then pass through these corridors and would position itself astride the enemy supply routes. Rommel's armor would have to attack it and would, I hoped, be destroyed in the process. In the south the plan was to break into the enemy positions and draw enemy armor in that direction; this would make it easier for the 10th Corps to get out into the open in the north.

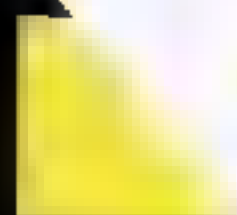
But it was becoming apparent to me that the Eighth Army was very untrained. By the end of September there were serious doubts in my mind whether the troops would be able to do what was being demanded. I took a quick decision. On the 6th October, just over two weeks before the battle was to begin, I changed the plan. My initial plan had been based on destroying Rommel's armor. My modified plan now was to hold off the enemy armor. The unarmored divisions would then be destroyed by means of a "crumbling" process, being attacked from the flank and rear and cut off from their supplies. The enemy armor probably would be launched in heavy counterattacks. This would suit us very well since the best way to destroy

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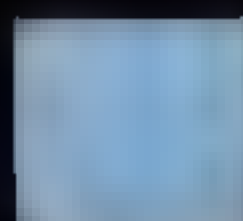




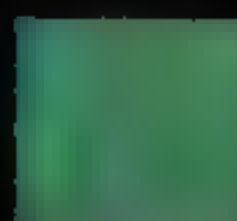
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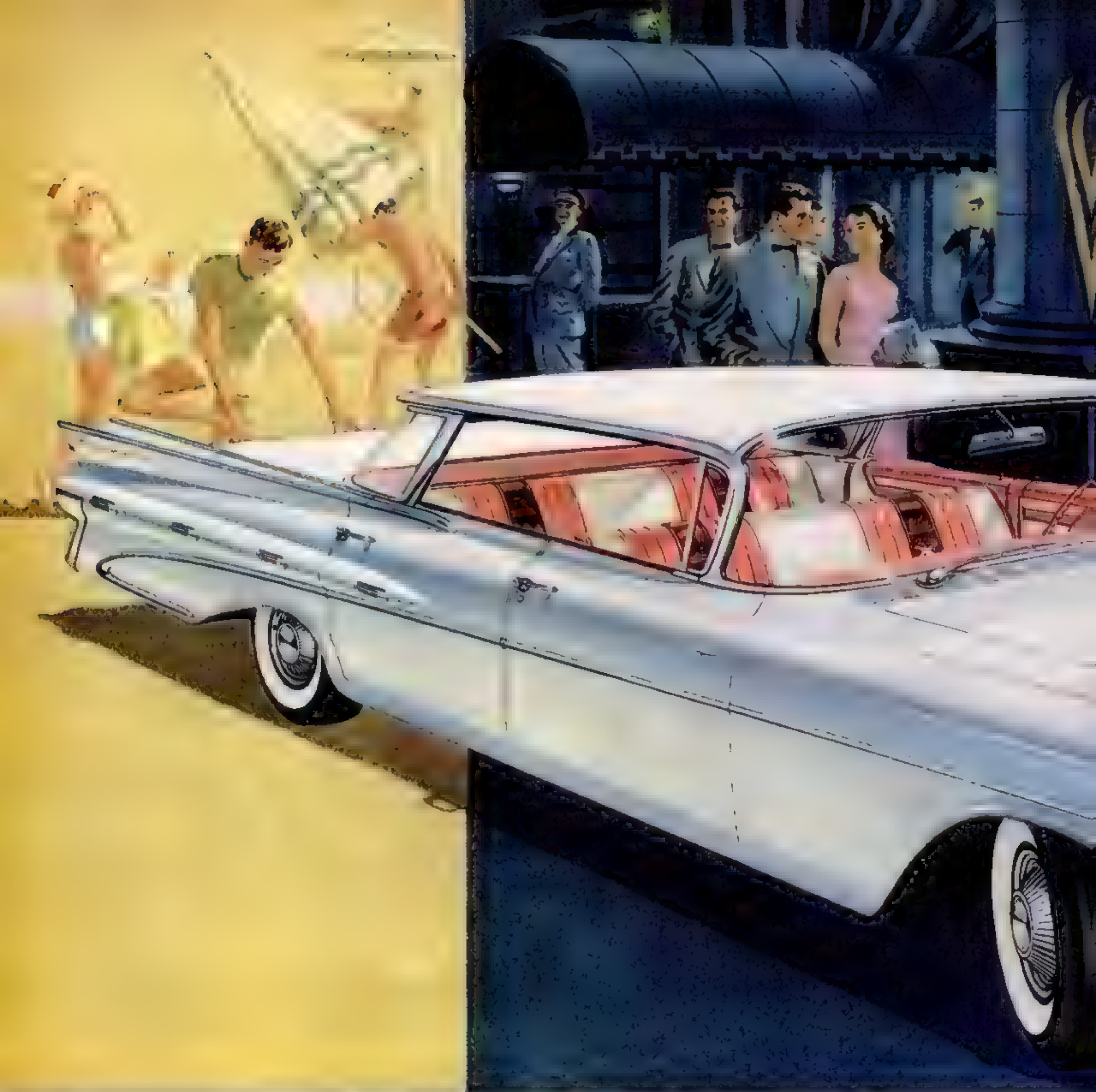
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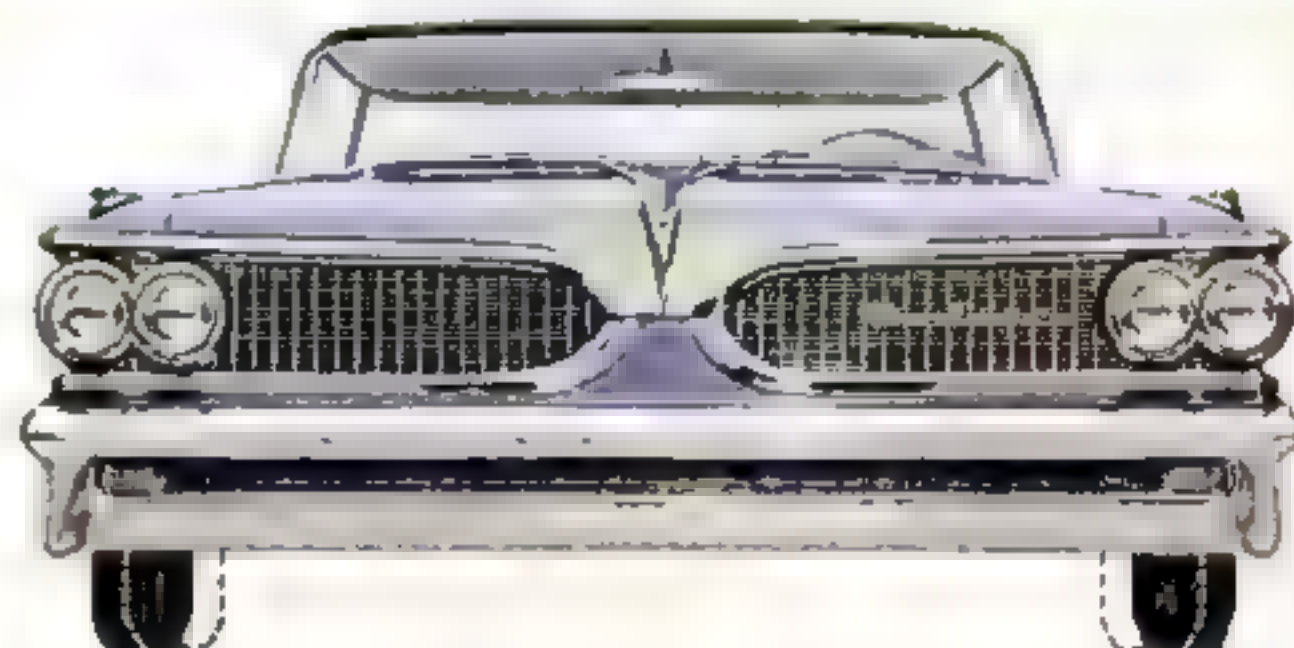
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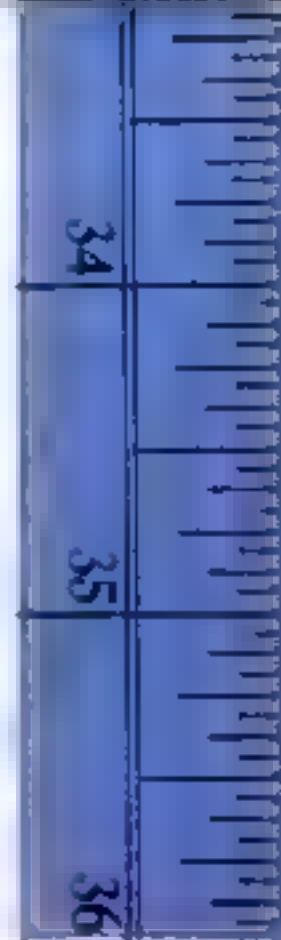
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# Wool







START OF CAMPAIGN against Rommel in North Africa was signaled by blazing British artillery barrage at El Alamein the night of Oct. 23, 1942.

## MONTGOMERY CONTINUED

the enemy armor was to entice it to attack *our* armor in position.

The success of the whole operation would depend largely on whether the troops in the north could succeed in the break-in battle and establish the corridors through which the armored divisions of the 10th Corps must pass. I was certain that if we could get the leading armored brigades through the corridors without too great delay, then we would win the battle. I therefore planned to launch the armored divisions of the 10th Corps into the corridors *before I knew the corridors were clear*. Furthermore, I ordered that if the corridors were not completely clear on the morning of D+1, the 24th October, the armored divisions would fight their own way out into the open. This order was not popular with the armored units but I was determined to see that it was carried out to the letter.

There was a Major "Bill" Williams on my intelligence staff who appeared to me to be of outstanding ability. One day about this time, he pointed out to me that Rommel had so deployed his German infantry that they were positioned between, and in some places behind, his unreliable Italian troops. Williams' idea was that if we could separate the two, we could smash through a purely Italian front without any great difficulty. This very brilliant idea paved the way to final victory at Alamein.

On the 23rd October I issued the following personal message to the officers and men of the army:

"When I assumed command of the Eighth Army I said that the mandate was to destroy Rommel and his Army, and that it would be done as soon as we were ready.

"We are ready NOW. . . ."

That evening I read a book and went to bed early. At 9:40 p.m. the barrage of over 1,000 guns opened, and the Eighth Army went into the attack. At that moment I was asleep in my caravan. There was nothing I could do and I knew I would be needed later. There is always a crisis in every battle when the issue hangs in the balance, and I reckoned I would get what rest I could while I could. As it turned out my intervention was needed sooner than I expected.

### Trouble in the corridors

THE two corridors in the north had not been completely opened for the armored divisions of the 10th Corps by 8 a.m. on the 24th October. In accordance with my orders I expected the armored divisions to fight their way out into the open. But I gained the impression during the morning that they were pursuing a policy of inactivity. I sent for Lieut. General Herbert Lumsden and told him he must drive his divisional commanders, and if there was any more hanging back I would remove them from command and put in more energetic personalities. This action produced immediate results. By 6 p.m. that evening one armored brigade of the 10th Corps was out in the open in the northern corridor. It was then attacked by the 15th Panzer Division, which was exactly what I wanted.

Sunday, the 25th October, was when the real crisis occurred. At 2:30 a.m. the 10th Corps reported that the breakout in the southern corridor was not proceeding well. The divisional commander had said he did not feel happy about the operation and that even if he did get out he would be in a very unpleasant position. His division was untrained and not fit for such difficult operations. He wanted to stay where he was. Lumsden was inclined to agree. In the northern corridor one entire armored division was now out in the open and was being furiously attacked by the enemy armor—which was exactly what the doctor ordered, so long as I was the doctor in question! De Guingand rightly issued orders for a conference at my Tactical

CONTINUED

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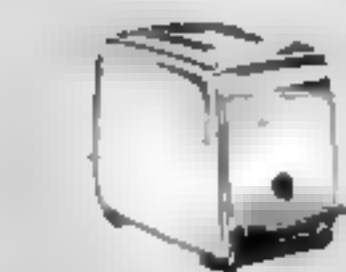
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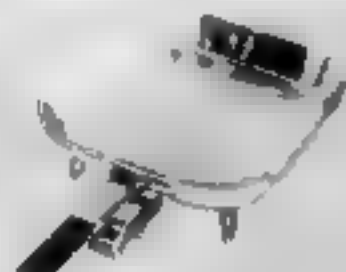


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**DESTROYING GERMAN TANKS.** British soldiers leave one afire near Alamein. By end of climactic day, Nov. 3, Rommel had lost bulk of armor.

## MONTGOMERY CONTINUED

HQ at 3:30 a.m. and then came and woke me and told me what he had done. I agreed.

When Leese and Lumsden, the two corps commanders, arrived I discovered that one regiment of the lagging armored division was already out in the open in the southern corridor and that it was hoped more would be out by dawn. The divisional commander wanted to withdraw it *all* back behind the mine fields so his division would not suffer heavy casualties. I got the divisional commander on the telephone and discovered to my horror that he himself was nearly 10 miles behind his leading armored brigades. I spoke to him in no uncertain voice and ordered him to go forward at once and take charge of his battle. He was to fight his way out and lead his division from in front, not from behind.

I then told both corps commanders that there would be no departure from my plan. I kept Lumsden behind and spoke very plainly to him. I said I was determined that the armored divisions would get out into the open. If he himself, or the commander of his lagging armored division, was not for it, then I would appoint others who were.

By 8 a.m. all my armor was out in the open and we were in the position I had hoped to have achieved at 8 a.m. the day before.

By Wednesday hard fighting had been going on for three days and I began to realize from the casualty figures that I must be careful. I knew that the final blow must be put in and I had to get ready for it. We now had Rommel's Panzer Army opposite the northern corridor and I knew we would never break out from there. So I made that area a defensive front and began pulling my armor into reserve, to get it ready for the breakout.

### Getting Rommel off balance

**D**URING the morning of Thursday, 29th October it became increasingly evident that the bulk of Rommel's German forces were grouped in the northern part of the front. We had now achieved what Bill Williams had recommended. The Germans were in the north, the Italians together in the south, and the dividing line between them appeared to be just to the north of our original northern corridor. I at once decided to direct the final blow at this point of junction, but overlapping well on to the Italian front.

I decided that on the night 30/31 October the 9th Australian Division would attack strongly northward to reach the sea; this would keep the enemy looking northward. Then on the next night I would blow a deep hole in the enemy front. Through the gap I would pass the 10th Corps with its armored divisions. What, in fact, I proposed to do was to deliver a hard blow with the right, and follow it the next night with a knockout blow with the left.

During the morning of the 29th October I was visited by Alexander, and by Mr. Richard Casey, who was minister of state in the Middle East. It was fairly clear to me that there had been consternation in Whitehall when I began to draw divisions into reserve on the 27th and 28th October, as I was getting ready for the final blow. Casey had been sent up to find out what was going on: Whitehall thought I was giving up.

I told him all about my plans and that I was certain of success;

**CONTINUED**



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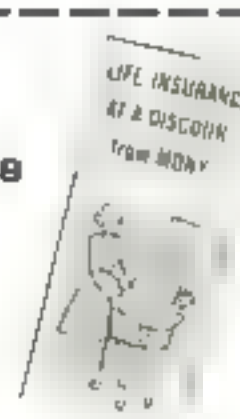
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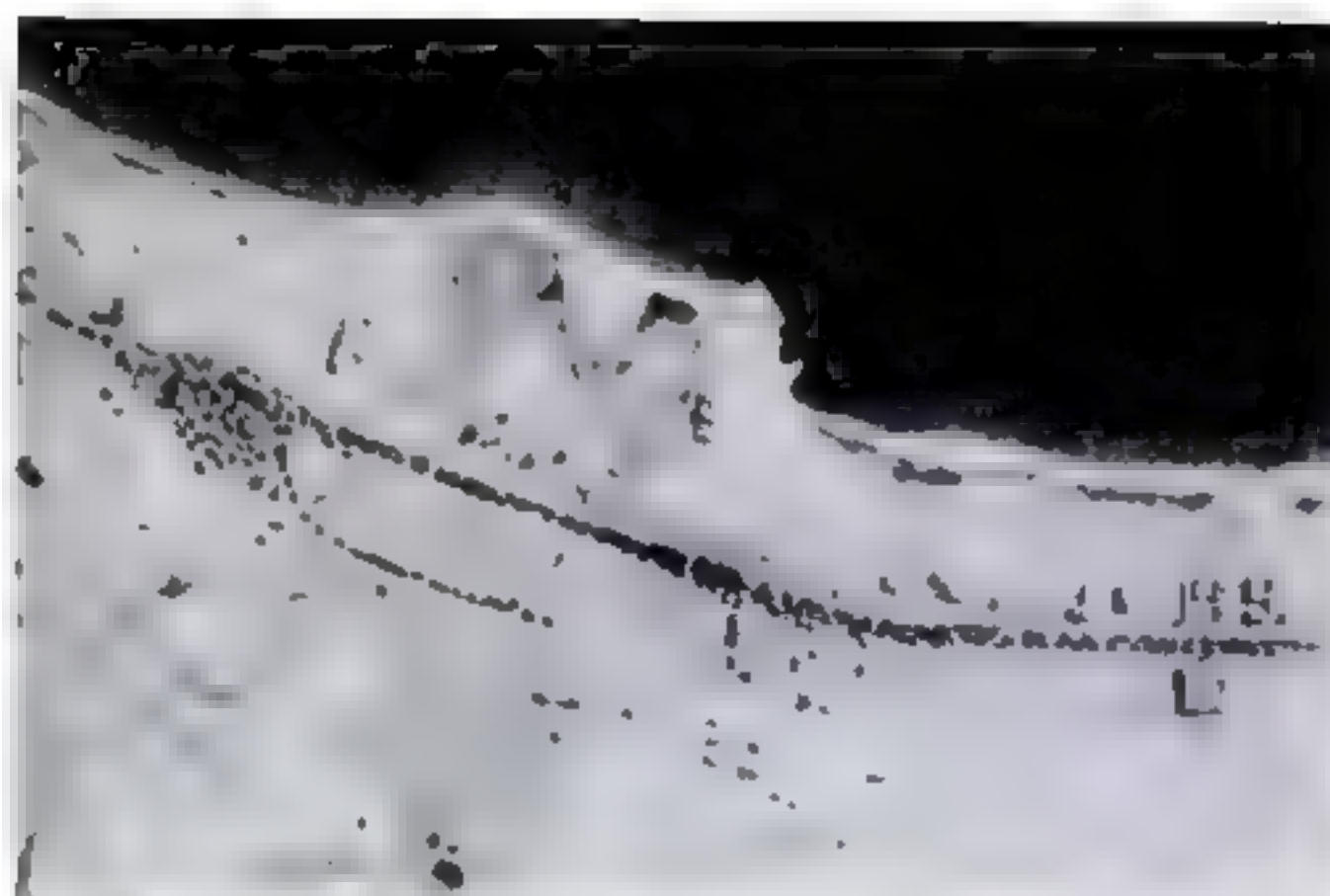
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ROMMEL'S RETREAT after El Alamein was so headlong that German vehicles became snarled in huge traffic jam. This is a British aerial photo.

## MONTGOMERY CONTINUED

and de Guingand spoke to him very bluntly and told him to tell Whitehall not to bellyache.

By Saturday, 31st October it was clear to me that the stage management problems in connection with the attack were such that if launched on this night it might fail. I therefore decided to postpone it for 24 hours.

At 1 a.m. Monday the attack went in on a front of 4,000 yards to a depth of 6,000 yards. It was a success and we were all but out into the open desert. By dusk we had taken 1,500 prisoners. On Tuesday there were indications the enemy was about to withdraw; he was almost finished. Wednesday at 2 a.m. I directed two hard punches at the hinges of the final breakout area where the enemy was trying to stop us widening the gap which we had blown. That finished the battle.

The armored car regiments went through as dawn was breaking and soon the armored divisions got clean away into the open desert. The Italian divisions in the south had nothing to do except surrender. They could not escape as the Germans had taken all their transport. Rommel's doom was sounded at Alam Halfa. Now he had been decisively defeated at Alamein.

The pursuit began on the 5th November. In the next 12 days I drove the Eighth Army hard. Twice Rommel's forces were saved from complete disaster by heavy rain. As we approached the Agheila position I sensed a feeling of anxiety in the ranks of the Eighth Army. Many had been there twice already, and twice Rommel had driven them back. We must get possession of the Agheila position quickly. Morale might decline if we hung about looking at it for too long.

### Bluffing the enemy

IT was a difficult position to attack. I therefore decided to attempt bluff and maneuver and to bustle Rommel to such an extent that he might think he would lose his whole force if he stood to fight. He would be anxious too about the morale of his own troops. They had been retreating continuously since they were defeated at Alamein, more than 1,000 miles away; they were continuously being shot up from the air. All this would tend to make Rommel's forces dispirited and defensively minded, looking over their shoulders for the next position to which to withdraw—as had been the case in the Eighth Army once upon a time.

Before trying to maneuver Rommel out of the Agheila position I flew to Cairo to discuss further plans with Alexander. I did not realize until I got to Cairo that I had suddenly become a somewhat notorious character. My appearance at St. George's Cathedral for the Sunday evening service, where I read the lessons, created quite a stir. It is a strange experience to find oneself famous and it would be ridiculous to deny that it was rather fun.

When I got back to my headquarters I found preparations well advanced. It seemed clear that the enemy was becoming nervous about our preparations, and had begun to ferry his immobile Italian troops back to the Buerat position—the next good defensive position to the rear. I therefore decided to advance the proposed timing by two days.

Everything went well. The enemy began to withdraw the moment our frontal attack developed, but the New Zealanders had got in behind them by the 15th December, and at one time we had almost

CONTINUED ON PAGE 11



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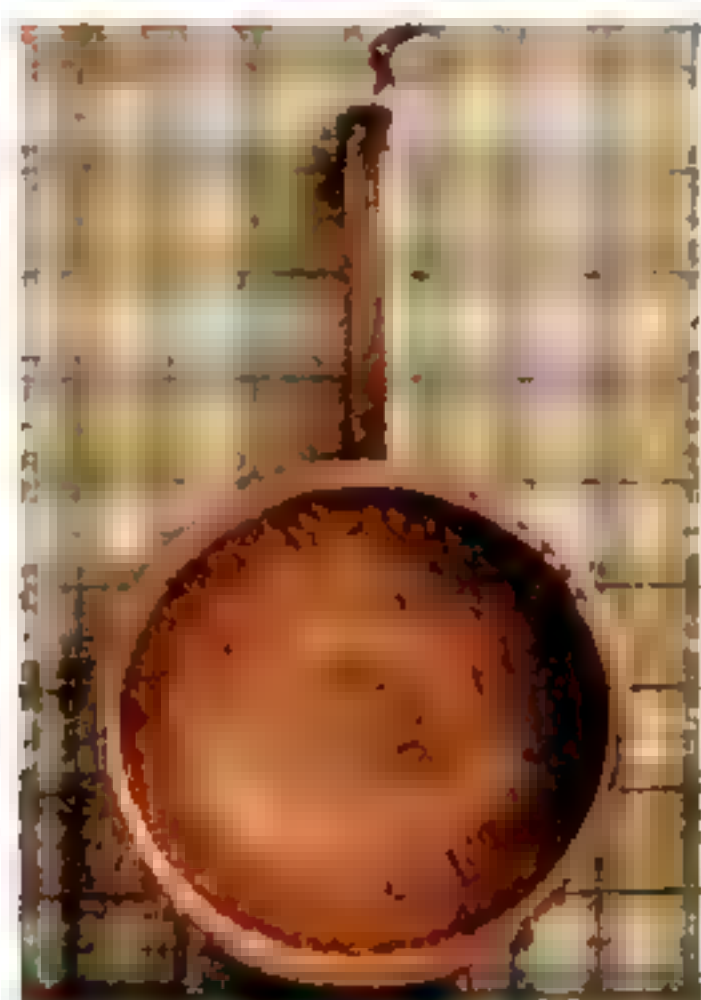


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Ideal for serving these hot rolls. Handle makes bowl a handy server for breads. Try these crunchy good rolls: Prepare pkg. of hot roll mix as directed for cinnamon rolls. Spread rectangle with 2 tablesp. soft butter; cover with mixture of ¼ cup sugar, 1 cup chopped Diamond Walnuts, 1 teasp. cinnamon. Roll up and slice. Bake as directed. Frost with powdered sugar frosting.



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## MONTGOMERY CONTINUED

the whole of Rommel's Panzer Army in between the New Zealand Division and one armored division. The Germans broke into small groups and burst through gaps in the strung-out New Zealand positions. Fighting was confused all day on the 16th December, and prisoners were captured and recaptured on both sides. The Panzer Army finally got through to the west, but it was severely mauled.

I decided that the Eighth Army needed a halt during which it could pull itself together and get ready for the final jump to Tripoli. Indeed, officers and men deserved a rest. I ordered that we would all spend Christmas Day in the happiest way that conditions in the desert allowed. It was very cold. Turkeys, plum puddings, beer were all ordered up from Egypt and the staff concentrated on insuring that it all arrived in time.

Duncan Sandys, son-in-law to the prime minister, had been visiting me and when he returned to Cairo he sent us a bottle of port for Christmas. My aide-de-camp told the mess corporal to take the chill off it before putting the bottle on the table. The corporal wanted to make certain there would be no mistake, so he boiled the port. Steam came from the bottle when it was placed before me at dinner on Christmas night!

### The race for Tripoli

**T**HE British First Army under Lieut. General Sir Kenneth Anderson had landed in Algeria on the 8th November and there was considerable speculation in high places as to which army would get to Tripoli first. The idea that any army except ourselves should capture Tripoli infuriated officers and men of the Eighth Army. For three years it had been the target; they weren't going to miss it this time.

When the enemy withdrew from the Agheila area he went back to the Buerat position and began to prepare that line for defense. I did not want the enemy to withdraw; I wanted him to stand there and fight. If he did this he could probably be destroyed. When I attacked the Buerat position my plan must be such that we could go right through to Tripoli, without allowing the enemy to delay us or stop our movement.

The essence of the whole operation must be speed. I calculated that I must have enough petrol, ammunition, supplies, etc. for 10 days' fighting. My forces were based on Benghazi and Tobruk, and it was a long haul by road from them. My staff told me the necessary supply dumping could be completed by the 14th January. I decided to attack on the 15th January. I well knew that if we did not reach Tripoli in 10 days I might have to withdraw for lack of supplies.

On the 4th January very heavy gales created havoc at Benghazi. Ships broke loose and charged about the harbor; heavy seas broke up the breakwater and much damage was done. The capacity of the port dropped at once from 3,000 to 1,000 tons a day. By the 12th January it had fallen to 400 tons a day. Here was a "pretty-how-de-do"!

I decided there was only one thing to do—to crash on to Tripoli with no change in the timing. To do this I decided to "ground" three divisions and use all their transport to lift forward from Tobruk and Benghazi the supplies needed by the 14th January.

We kept our dates. The advance began on the 15th January. The leading troops entered Tripoli at 4 a.m. on the 23rd January 1943, three months to a day since the beginning of the Alamein battle.

The prime minister and General Sir Alan Brooke, the Chief of the Imperial General Staff, visited Tripoli on the 3rd and 4th February and we organized parades for them. Winston Churchill was immensely impressed and was deeply moved when the troops marched past him, looking so fit and well and with such a fine bearing. I felt a very proud man myself to be in command of such men.

I asked him to address the officers and men of my headquarters, and he said, "Ever since your victory at Alamein, you have nightly pitched your moving tents a day's march nearer home. In days to come when people ask you what you did in the second World War, it will be enough to say: I marched with the Eighth Army."

**I**N accordance with decisions taken at the Casablanca Conference the Eighth Army was to come under General Eisenhower for the fighting in Tunisia. Alexander was made deputy commander in chief and was to command the land forces.

Alexander told me he had found things in a terrible mess when he went over to join General Eisenhower. The British First Army was being heavily attacked on the southern part of its front and everything looked like sliding there. Generally, he found stagnation: no policy, no plan, the front all mixed up, no reserves, no training anywhere, no building up for the future, and so on. He found the American troops disappointing. They were mentally and physically soft and very green. It was the old story: lack of proper training allied to no experience of war, and linked with too high a standard

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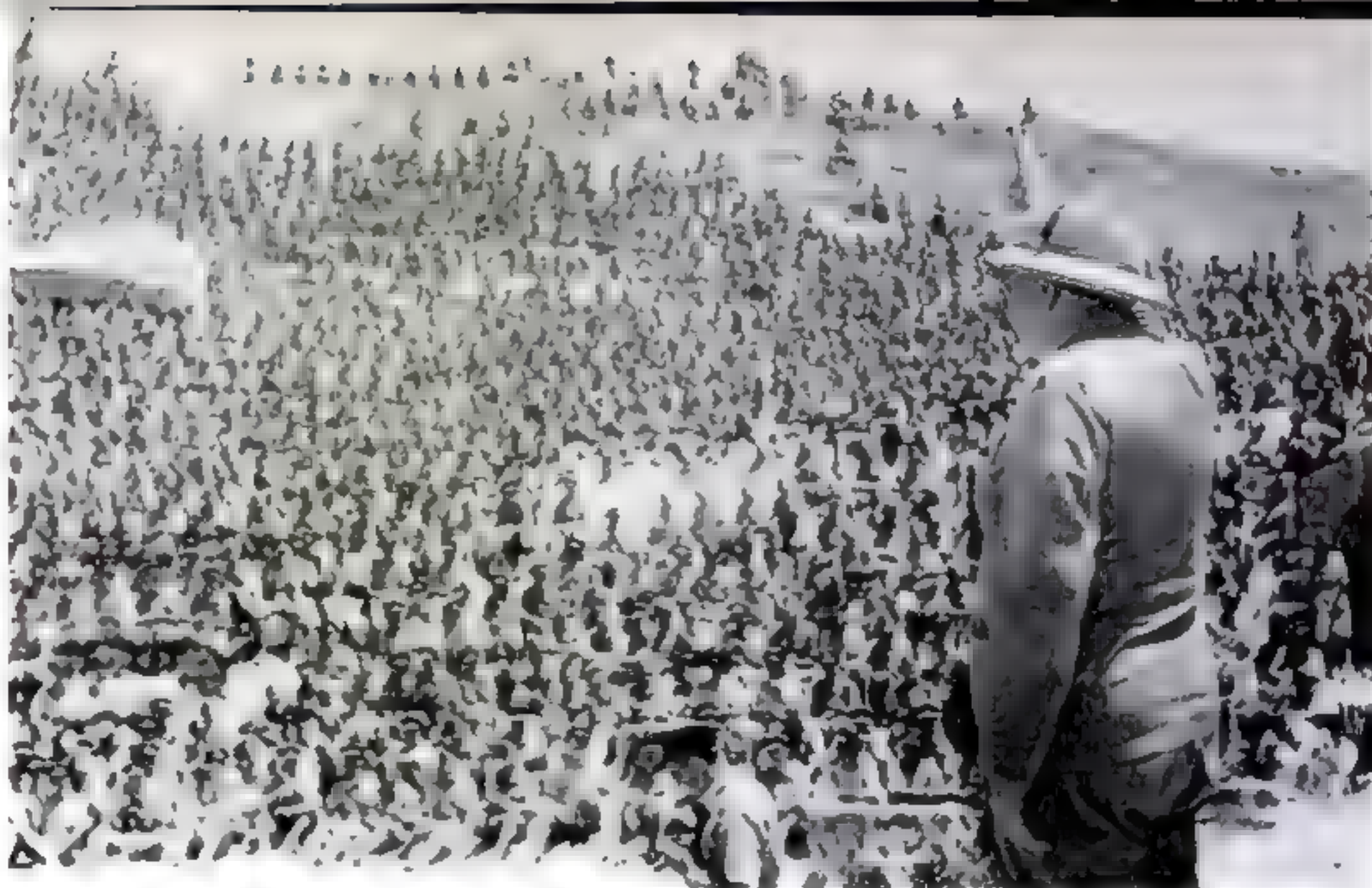


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IN TUNISIA, PRIME MINISTER WINSTON CHURCHILL GIVES VICTORY SIGN TO TRIUMPHANT BRITISH TROOPS

## MONTGOMERY CONTINUED

of living. They were going through their early days, just as we had had to go through ours. We had been at war a long time and our mistakes lay mostly behind us.

Alexander worked day and night to get things right. But he had some anxious moments and he sent me a very real cry for help on the 20th February, asking if I could do anything to relieve the pressure on the Americans. I replied that I would do all I could, adding that if he and I exerted pressure at the right moments we might get Rommel running about like a wet hen between our respective fronts. My staff always used to refer to this message as the "wet hen" signal.

I speeded up events and by the 26th February it was clear that our pressure had caused Rommel to break off his attack against the Americans. This gave Alexander the time he needed, and he wrote to me on the 5th March saying that he reckoned the patient had passed the crisis and was on the way to recovery. When the Americans had learned their lesson and had gained in experience, they proved themselves to be first-class troops. It took time, but they did it more quickly than we did.

### Victory on the Mareth Line

**B**Y 9 a.m. on the 28th March we were in full possession of the famous Mareth line, after a battle lasting only one week. We never lost the initiative, without which you cannot win in war. The enemy was made to commit his reserves in desperation and piecemeal, as at Alamein. We committed ours in one concentrated blow on a narrow front.

The Air Forces played a notable part in the attack. In the area beyond the artillery barrage every vehicle, and anything that appeared or moved, was shot to pieces. This blitz attack was the most complete example of the close integration of land and air power up to that time.

It was obvious that the end of the war in Africa would now come quite soon. We had a stiff one-day battle north of Gabès on the 6th April. On the 8th

April, we joined up with the American forces moving eastward from Gafsa. We were now taking prisoners at the rate of 1,000 a day, and no army can lose men at that rate for long and remain efficient.

General Eisenhower's chief of staff, Bedell Smith, had visited me in February and we had discussed the problem of how soon the Eighth Army could join up with the First Army north of Gabès. I had said by the 15th April. Smith said that if I could do that, General Eisenhower would give me anything I asked for. I said I would like an airplane for my personal use. Bedell Smith agreed willingly.

On the morning of the 10th April I sent a message to Eisenhower asking for the aircraft. It arrived on the 16th April, a Flying Fortress. It made me a thoroughly mobile general. Later I got properly ticked off by General Sir Alan Brooke for my action in the matter. He said that it was all a joke on the part of Bedell Smith and that Eisenhower was furious when I demanded the aircraft. I explained that it was very far from a joke on the day the statement was made. I don't think Bedell Smith had ever told Eisenhower about it, and he was suddenly confronted with having to pay. Brooke added that the R.A.F. could well have provided me with an aircraft. They certainly could but didn't, in spite of my repeated requests. Eisenhower produced it at once. And, being the great and generous man he is, he arranged that I was provided with an aircraft from American sources for the rest of the war.

Bizerte and Tunis were captured on the 7th May and the enemy was then hemmed in to the Cap Bon peninsula. Organized enemy resistance ended on the 12th May, some 248,000 being taken prisoner.

And so the war in Africa came to a close. It ended in a major disaster for the Germans. All their troops, stores, dumps, heavy weapons and equipment were captured. From a purely military point of view the holding out in North Africa once the Mareth line had been broken through could never be justified. I suppose Hitler ordered it for political reasons. It is dangerous to undertake tasks which are militarily quite unsound just for political reasons. It may sometimes be necessary, but they will generally end in disaster.

## NEXT WEEK: BLUNT WORDS ON EUROPE

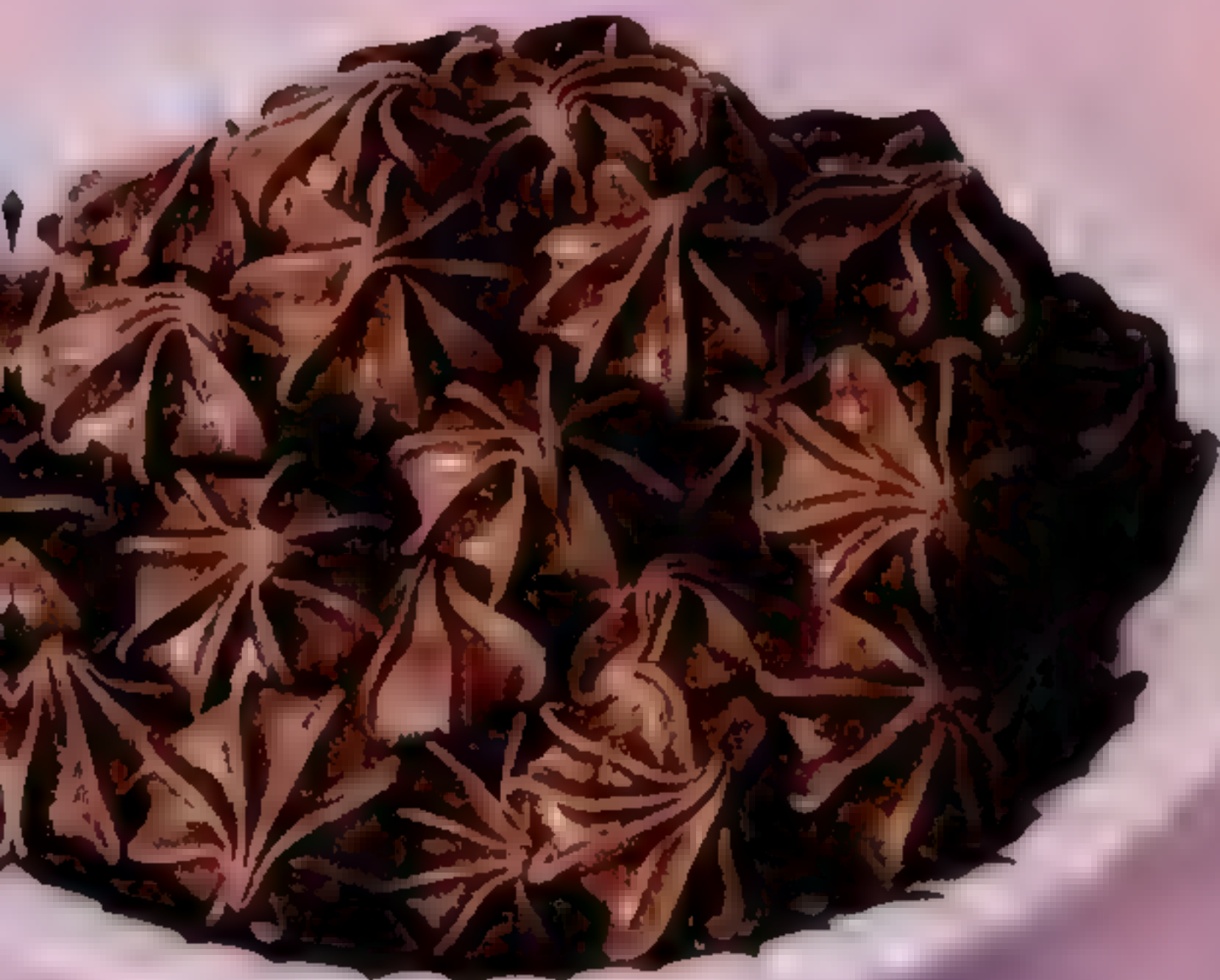
The most widely publicized military disagreements of the war, between Generals Eisenhower and Bradley on one side and Montgomery on the other, flared up following the Normandy invasion. In his second instalment

Montgomery writes bluntly of these disputes, blames Eisenhower's strategy for "the dismal and tragic story of events" after Normandy and tells why he feels the war was prolonged by U.S. failure to heed his advice.



# Brach's

## Finest *Real* Chocolate Stars



Brach's Chocolates  
have been made with  
Finest *Real* Chocolate  
since 1904

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Chicago, Ill.

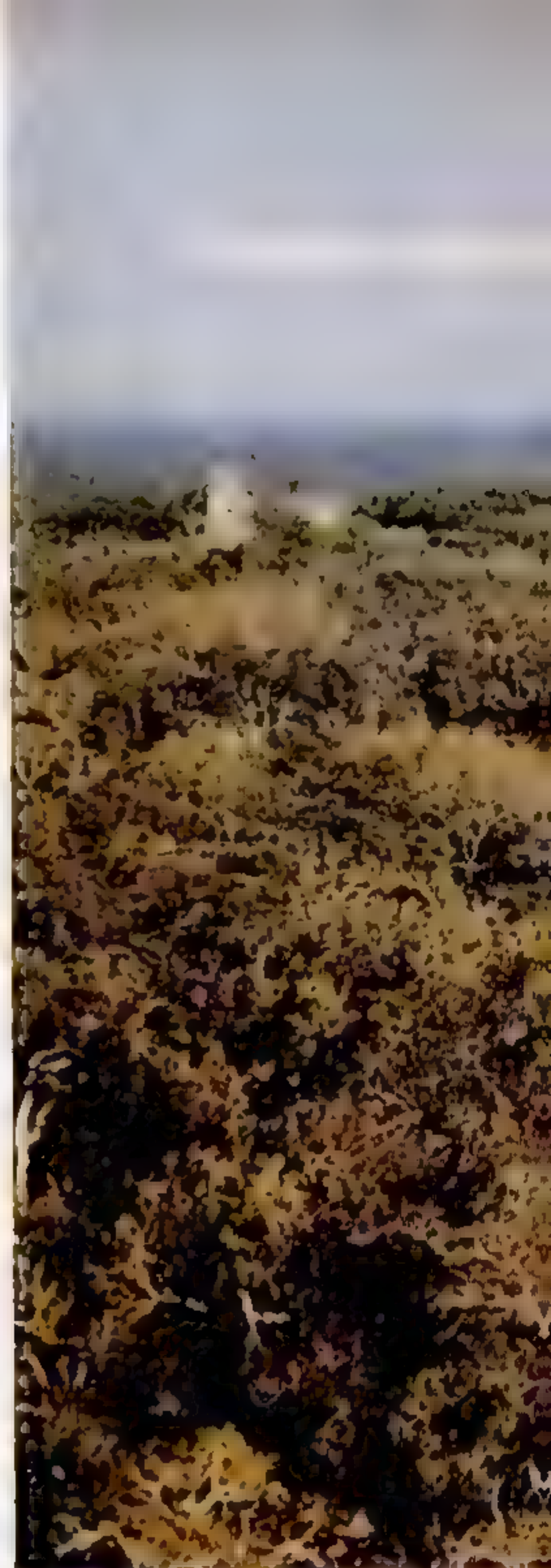






IN THE JUNGLE, nearly hidden by vines and lofty palms, Archaeologist Linton Satterthwaite records

measurements of one of the 105 stone monuments, some painted red, uncovered from the undergrowth



REARING WHITE ROOFTOPS ABOVE THE JUNGLE,

# SECRET

## IN GUATEMALA JUNGLE

The rain forest swallows the lowlands of northern Guatemala with a green tangle so dense it looks like a primeval world never touched by man. Yet in the heart of the jungle four white pinnacles (above) soar over the treetops. A thousand years ago, this was the metropolis of Tikal, the largest ancient city in the western hemisphere.

In its heyday, 300 to 900 A.D., Tikal was the cultural center of the Maya civilization.





TIKAL'S RUINED TEMPLES RISE OVER THE RAIN FOREST THAT SMOTHERS THE REST OF THE ANCIENT CITY. TOWERS AT LEFT FACED GRAND PLAZA (NEXT PAGE)

# OF THE RAIN FOREST

SCIENTISTS UNCOVER GREAT 1,000-YEAR-OLD MAYA METROPOLIS OF TIKAL

Then, mysteriously, the city was abandoned to the jungle. Vines clawed away its facades, shrubs sprouted from its ledges, and the roots of gigantic trees split its stone foundations. But the city had been so sturdily built that it never fell. For centuries it remained a secret hidden in the rain forest.

In the last hundred years a few white men have penetrated the forest by muleback to study the ruins, but the jungle journey ruled

out all attempts at restoration. Then last year the Guatemalan government completed an airstrip near the temples. This has enabled the Museum of the University of Pennsylvania to transport equipment, supply a base camp and begin a difficult long-term project of restoring Tikal so that the city can be preserved as a Guatemalan national park and become a center for the study of ancient America. The photographs on these pages record the archaeolo-

gists' first major accomplishments. Working in steaming heat and choking vegetation (left), plagued by swarms of insects and nagged by scorpions, snakes and vampire bats, the scientists have already cleared most of the metropolis' Grand Plaza (next page). They have uncovered some of the finest Maya hieroglyphs ever found and have discovered that under Tikal lie remains of earlier settlements that predate Tikal's ruins by over a thousand years.

Photographed for LIFE by FRITZ GORO

CONTINUED







# IN A PLAZA PYRAMIDS AND POMP

Tikal's Grand Plaza was one of the most impressive city squares of all time, the scene of splendid ceremonies. The plaza had 100,000 square feet of paving and was dominated by two huge temples—*Temple of the Giant Jaguar (right, rear in painting)* and *Temple of the Masks (extreme left)*. It was flanked with lesser shrines, a court for playing a game similar to soccer (*low walls next to Jaguar Temple*) and rows of carved stone slabs. Its massive buildings were of limestone blocks quarried nearby and coated with plaster. Atop the steep stairs, under gaudily painted roofs, were holy chambers where copal incense burned.

Tikal was not a residential city but primarily a religious center of the Maya theocracy. The bulk of the population lived in wood-and-thatch houses near cornfields in jungle suburbs. Since the Maya had no wheeled vehicles or horses, the city's highways were only for human processions. The holy rites were vivid affairs. In this painting by Alton Tobey a priest on a small pyramid unfolds a jaguar skin to the beat of drums while a high priest, daubed red and dressed in breastplate and quetzal-plumed headdress, pauses before raising his scepter.



**CITY'S CENTER** is shown in map covering close to a square mile. Grand Plaza is tiny central hub. The red lines encompass area of painting of the plaza at left. Five great temples are in black and white, palaces and other temples in solid black, probable paved areas in tan and water reservoir in blue. Avenue going off at right led to another huge temple. At lower left is 212-foot tower shown at right in photograph on preceding page.





FRONT OF THE 155-FOOT-HIGH TEMPLE OF THE GIANT JAGUAR ON GRAND PLAZA HAS BEEN CLEARED OF TREES BUT SAPLINGS STILL SPROUT FROM ITS FLANK



**DECORATED PALACE** has frieze of stucco, may have served as storehouse for ritual masks and vestments or as a temporary retreat for fasting priest

**VAULTED CHAMBER** in palace has Maya corbeled arch. Crossbeams are of rot-resistant sapote wood. Workman places samples of latex in plastic bag







**BURIAL PIT** in a temple is excavated by Scientist Richard Adams who hands his wife incense burner

## DIFFICULTY IN DIGGING

The expedition's task is colossal: surveying, clearing and excavating over six square miles around the plaza. Because bulldozers might damage hidden ruins, scientists and laborers tackle this huge job with their hands. They use machetes and axes to clear vegetation and excavate with spade, trowel and whiskbroom. When they chop down trees growing on the pyramids, they have to leave the penetrating roots or the temples would collapse. The jungle backs the survivors' sighings, and bats must be shoed away when wood fragments are collected (*left, below*) for dating tests.

The group already has made important discoveries. The city lacked springs and streams, depended on man-made rainwater reservoirs. Many palaces have windows and wall slits for ventilation. Each temple probably was dedicated to a specific god and may have served both as sanctuary and (*above*) as burial place.



← **GIGANTIC ROOTS** entwine masonry of a temple's walls. Laborer brushes dirt off the ancient floor.



**TEMPLETOP PERCH** on 140-foot-high Pyramid of Masks gives surveyor Newton Levine vantage point.





**PRIZE DISCOVERY** is this 12-foot-tall stela above. Top has been smashed but feet, sandals, pendants of

god's figure remain on front. Some of hieroglyphs on side show stylized jaguar—possibly, human faces.



**GOD WITH EAR PLUG** is a detail from the stela at left. Scroll by his mouth is a hieroglyphic prefix.

## TIME TOLD WITH GODS

The finest object uncovered at Tikal this year is the limestone monument, or stela, at the left, which was found walled up under an altar at the top of a small pyramid. The hieroglyphs cut in it are Maya writing, but their message remains a mystery. Scientists believe the stela was erected to commemorate the end of a special period of time, possibly 20 years. Its hieroglyphs probably forecast the city's blessings or calamities during the next generation.

Some carvings represented gods, for the Maya worshiped time. Each day was a living god who carried a burden on his back and passed it on to the next god. The relay order of the divine bearers determined what good or bad events would occur. These were also linked with the varying positions of sun, moon and planets in the heavens. Since the sequence of the calendar gods repeated itself in cycles, the Maya believed history repeated itself. They tried to prophesy the future by calendar calculations of the past.

Maya priests were excellent astronomers and mathematicians and perfected—perhaps at Tikal—this hemisphere's earliest calendar. They also devised a table for predicting solar eclipses with accuracy and developed the all-important mathematical concept of zero.



**GOD WITH HEADDRESS** on another stela shows figure wearing a hat shaped like jaguar with fangs.



**NEW SPIN FILTER COOLS THE SMOKE NATURALLY!**



# TEST FOR TASTE

Here's the best taste yet in a filter cigarette

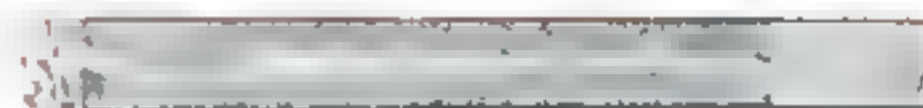


Looking for a filter cigarette that does more than reduce tar and nicotine—a filter that actually improves smoking taste?

Then, no matter what kind of cigarette you're now smoking, try Old Gold's New Spin Filters . . . and *test for taste*. Test as many as you want. A cigarette. A pack. A carton.

Each puff spins the smoke around and around the filter fibers—cools the smoke naturally. You get only the cool, mild taste of truly fine tobaccos

Try Old Gold's New Spin Filters. It's the best taste yet in a filter cigarette. Make your test for taste—today.



Old Gold's new Spin Filter creates new filtering channels to make the smoke travel farther. And it's a known fact . . . the farther smoke travels, the cooler and milder it becomes. Try Old Gold's New Spin Filter and see.

# OLD GOLD'S NEW SPIN FILTERS

Product of P. Lorillard Company—First with the finest cigarettes—through Lorillard Research!





**IN THE MOONLIT JUNGLE** Archaeologist William Gier atop the majestic Temple of the Giant Jaguar illuminates ceremonial chamber with floodlight to

photograph carvings in the interior. Most photography of relief carvings is done at night because during the day the rain forest sunlight is too harsh for



This is the  
Instant that's  
delicious  
for drinking!



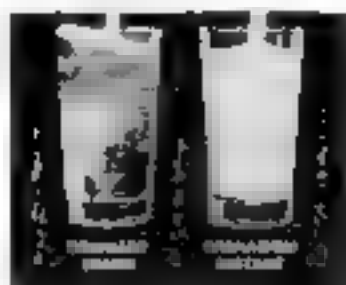
## Carnation "Magic Crystals" burst into fresh flavor nonfat milk instantly!

The *one* "Magic Crystals" Instant. Naturally refreshing, *delicious*. The modern way to all the natural protein, B-vitamins and calcium of freshest whole milk. Perfect for cooking, too – no special recipes needed. Even whips! Use it for drinking, cooking, baking and whipping.

**Costs as little as 8¢ a quart!**

### MIXES INSTANTLY!

Only Carnation Magic Crystals mix instantly and completely in ice-cold water, with just a light stir. No lumps, no left-over paste in the glass!



### CHOCOLATE-FLAVOR Instant nonfat dry milk, too!

New Carnation Instant *Chocolate Drink*! Mixes instantly with ice-cold water for chilled, refreshing treats. Or with *hot* water for rich, wholesome cocoa – with no "boil-overs," "no skin," nothing to wash but the cup! Quick, easy, just add water!

**Save up to 1/3 over milk and flavoring!**  
**Costs only about 5¢ a glass.**



Available in 8-Qt., 8-Qt.  
and new 14-Qt. sizes.

Makes 7-8  
big servings



Pass the good words...and we do mean **GOOD**



**It's Post Alpha-Bits—the nourishing cereal mothers love to serve and the whole family loves to eat.**

Post's new alphabet cereal is made of nourishing, delicious oats. Gives you high-quality cereal protein . . . sparkled with just the right amount of sugar. Helps provide the quick energy and body-building nourishment everyone needs. So pass the good words to your family . . . by the heaping bowlful.



A POST CEREAL COMPANY

NEW OAT CEREAL



The Breakfast Foods of General Foods





LOWERING A FIND dug up in floor of room atop Jaguar Temple. Dick Adams holds climbing rope, hands bag of objects found to Clarence Mossiah.



THE FIND, laid out on worktable, is sorted by Adams and Vivian Broman. It includes human bones, jade bead, fruit seeds, pots, incense, tripod bowls.

# NOW!

The quickest, quality-lather  
shave comes two ways:  
Regular or Mentholated!



## Old Spice

### SMOOTH SHAVE

Guaranteed—The finest shave you ever had!

- Two kinds of instant, luxury-lather: rich, velvety Regular or new Mentholated, with cool, stimulating freshness!
- Stays moist and firm throughout your shave!
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- Softens your beard—ends razor-drag!
- Gives you the quickest, most comfortable shave ever!

Regular or Mentholated, 1.00 each (with self-regulating, leakproof cap)

**S H U L T O N**



A touch of your toe and the cord disappears!



## CORD REEL CLEANER

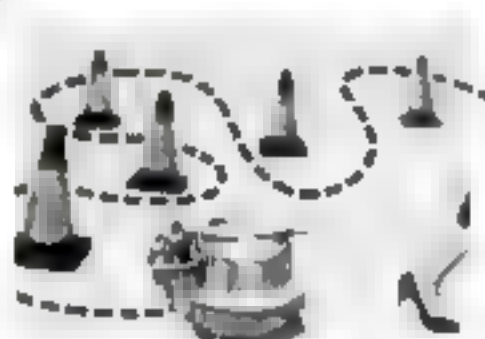
STEP-SAVING  
CADDY  
carries all  
attachments



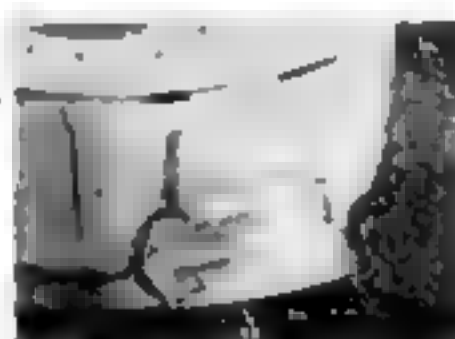
ZZZ-ZIP! OUT OF SIGHT IN 4 SECONDS!

No more messy, tangled cord. Pull out only as much as you need—up to 20 feet. When you're finished, touch the foot pedal and the cord stores itself inside the cleaner.

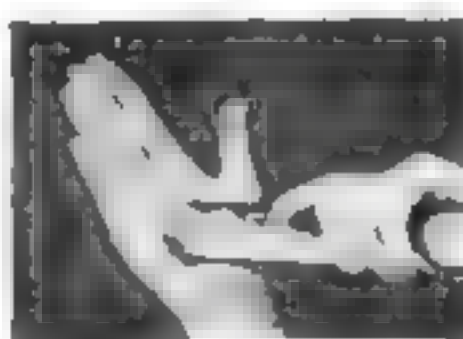
All these work-saving features at no extra cost!



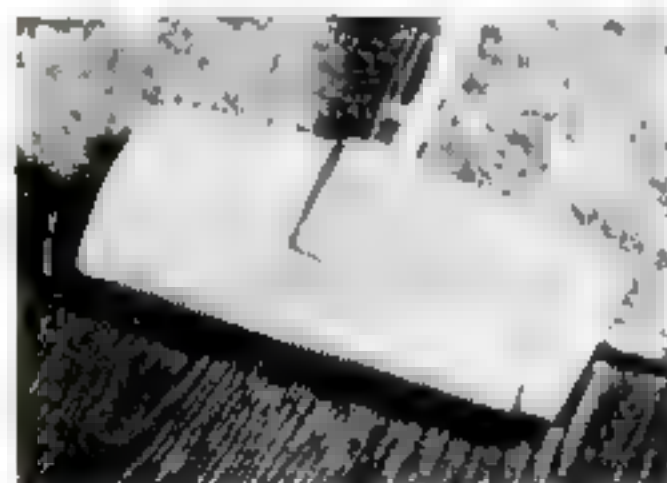
New "steer-easy" wheel—cleaner follows you easily. No bumping into furniture.



Max. oversized foot switch eliminates bending down to turn power on or off.



Full one-horsepower input motor pulls the dirt into "Throw-Away" bags.



ONE UNIT CLEANS RUGS AND FLOORS. Twin brushes adjust automatically to carpet or bare floors. On forward stroke rear brush digs in to lift up lint and dirt. On back stroke front brush goes to work. Result: fewer strokes, less work.



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FOR EXTRA  
VALUE!

Try the Cord Reel Cleaner at your dealer's today. In Glade Green and Chrome. Vacuum Cleaner Dept., General Electric Company, Bridgeport 2, Connecticut.

Progress Is Our Most Important Product  
**GENERAL ELECTRIC**



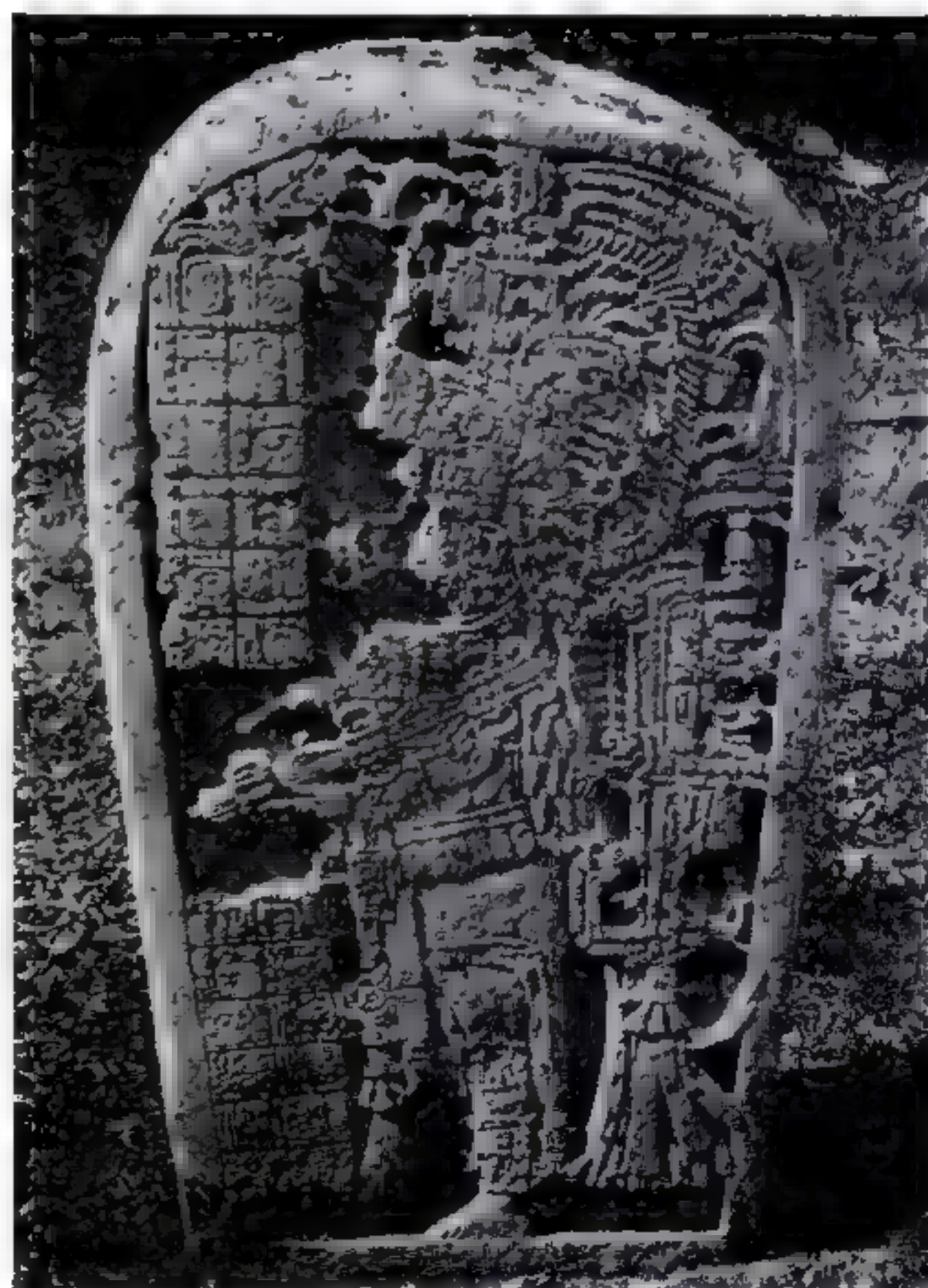
TIKAL CONTINUED

## MYSTERIOUS END

Working at Tikal is, in the opinion of expedition director Edwin Shook, like trying to piece together a gigantic jigsaw puzzle. He hopes the clues he finds will interlock to solve four major mysteries: How old was Tikal? How large? How was it organized? And, greatest mystery of all, why was it abandoned? The trenches his team has dug in the plaza exposed five earlier structures, one going back to 400 B.C., 1,100 years before Tikal's prime. Shook has as yet no idea how big the city was; whenever the workmen go deep in the jungle to hunt game they find new stelae, new ruins. The size of Tikal's population therefore is guesswork. Shook thinks it might be as high as 100,000, one of the densest in the world around 600 A.D. He believes Tikal was the greatest Maya city-state, was governed by two rulers, one civil and one religious, and traded with Indians in the highlands and on the coasts. Built on a hilltop and edged with ravines and jungle, the city had no walls and was undefended. It shows no signs of invasion. Yet violence apparently twice shattered the city's calm. Stelae like the one below have been found defaced, deliberately broken, upside down, or sealed under altars. Shook thinks there may have been two peasant revolts against the priests and nobles. The first religious revolution, around 500 A.D., seems to have failed; the second was successful and preceded Tikal's decline. This may be the best answer to the mystery of Tikal's abandonment. For if the priests had been overthrown, their great temples would no longer have been maintained. The rigors of rain-forest life may then have seemed pointless to the Maya farmers, and, after a while, they may have drifted away, abandoning the glorious city to the wild jungle.



DIRECTOR EDWIN M. SHOOK



DEFACED GOD, whose profile has been knocked off this stela, indicates a religious revolt took place. He is Corn God, holds scepter, wears headdress.



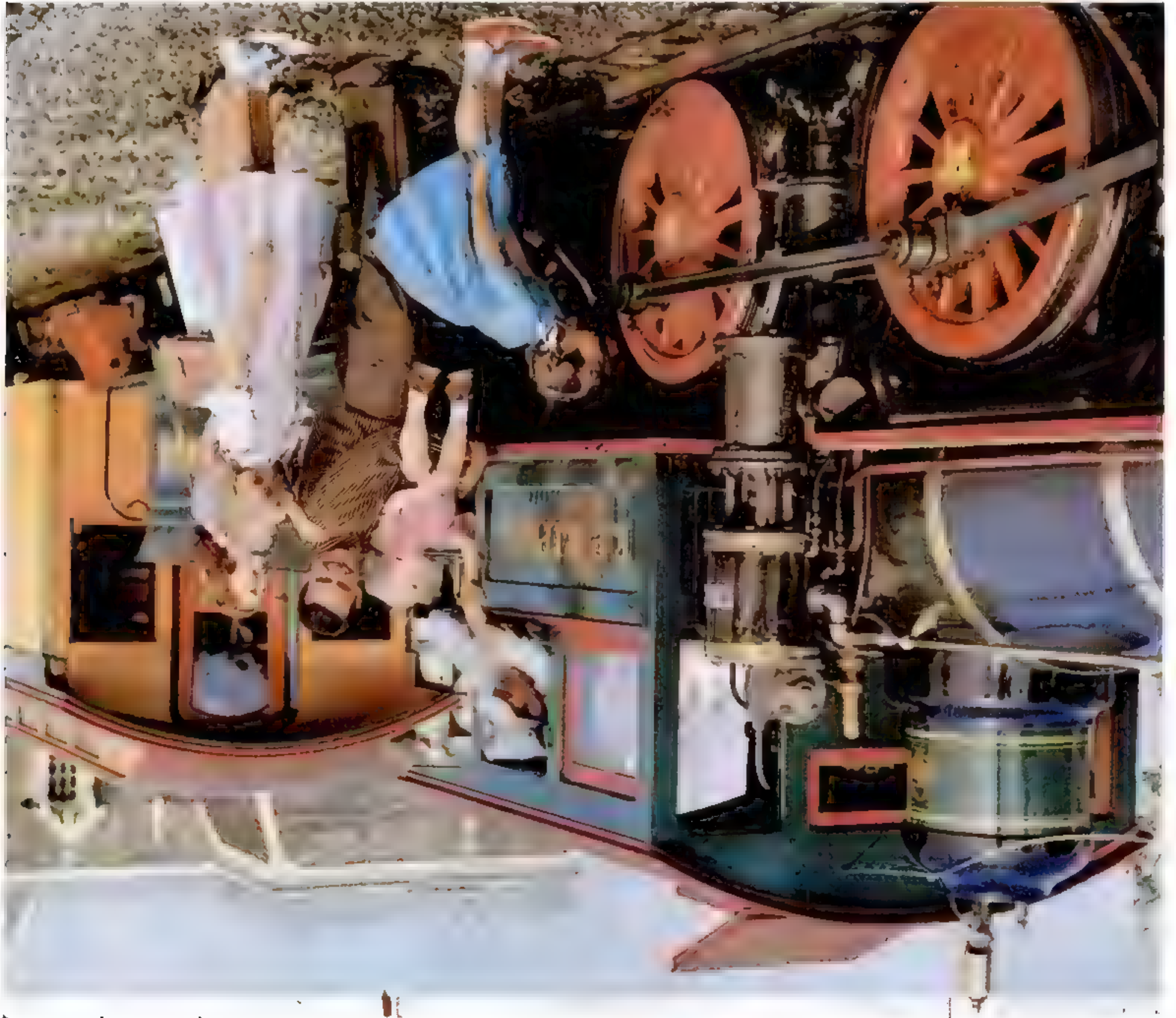
# Say **Seagram's** and be **Sure** OF THE FIRST AND FINEST AMERICAN WHISKY

Across the breadth of an American autumn, cherished traditions take the scene. And one of them is the leisurely, sociable enjoyment of 7 Crown. In all four seasons of every year, it is the nation's favorite whisky.

## Great pleasures of the great American autumn







Little Mike of INA's Family with a Future feels secure with Dad and Disneyland's railroad engineer. Information Center maintained by INA and its agents is nearby. ©W.D.P. 1958

## In Disneyland—or anywhere—you're free from care

"Daddy never worries about me in Disneyland," a little boy said one day, "not like at home." What is there about Disneyland that gives fathers and mothers and children alike the feeling that trouble has been left at the gate? It's like a dream where everything you do is fun, everyone's a friend and you live in yesterday, today and tomorrow all at one time.

"Wonderful!" you may say, "but my family can't live like that at home." It can, in spirit, if your financial future is protected with modern family insurance . . . the

right insurance, designed by INA's engineers of family security and kept on the track by an experienced INA agent.

Your family can have this protection right now. And it's easier than ever to pay for, through INA's new Pay-by-the-Month Idea\*. One small check each month pays for your INA Homewoners, Automobile, Accident & Sickness and Life Insurance—all at once!

There's important protection, for instance, in INA's new Family Accident & Sickness Policy. It helps restore loss of income when the head

of the family is disabled. It covers most normal and major medical, surgical and hospital bills. It pays jump sums when certain misfortunes strike. Any or all four parts of this flexible new policy may fit your needs. Bring the worry-free spirit of Disneyland into your home. Make yours a Family with a Future. Your INA agent—or your broker—is the man who knows how.

\* Sorry—not yet in Ohio or Virginia

Insurance Company of North America  
Indemnity Insurance Company of North America  
Life Insurance Company of North America • Philadelphia



# INSURANCE BY NORTH AMERICA





**T**HE two executives below, looking like pilots of a space-man's dream-buggy, are actually the new chief executive and pilot of the world's largest industrial company, John F. Gordon. The company they run is General Motors and the car they are in is GM's experimental Firebird III. In an industry that type-casts its talent as readily as show

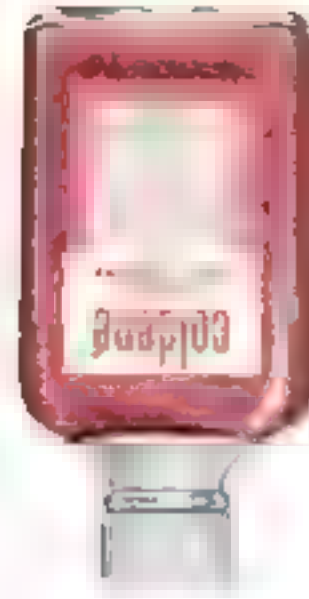
business, Chairman Frederic Donner is known as a financier and President John Gordon as an engineer. Both men are far more versatile than these characterizations suggest. But each has a healthy respect for the other's particular abilities. "If we stick to our specialties," says Donner, "we'll be so damn busy we won't have time to worry whether the other guy is invading some area we think we ought to handle."

# New Top-riding Team at GM

CLOSE-UP

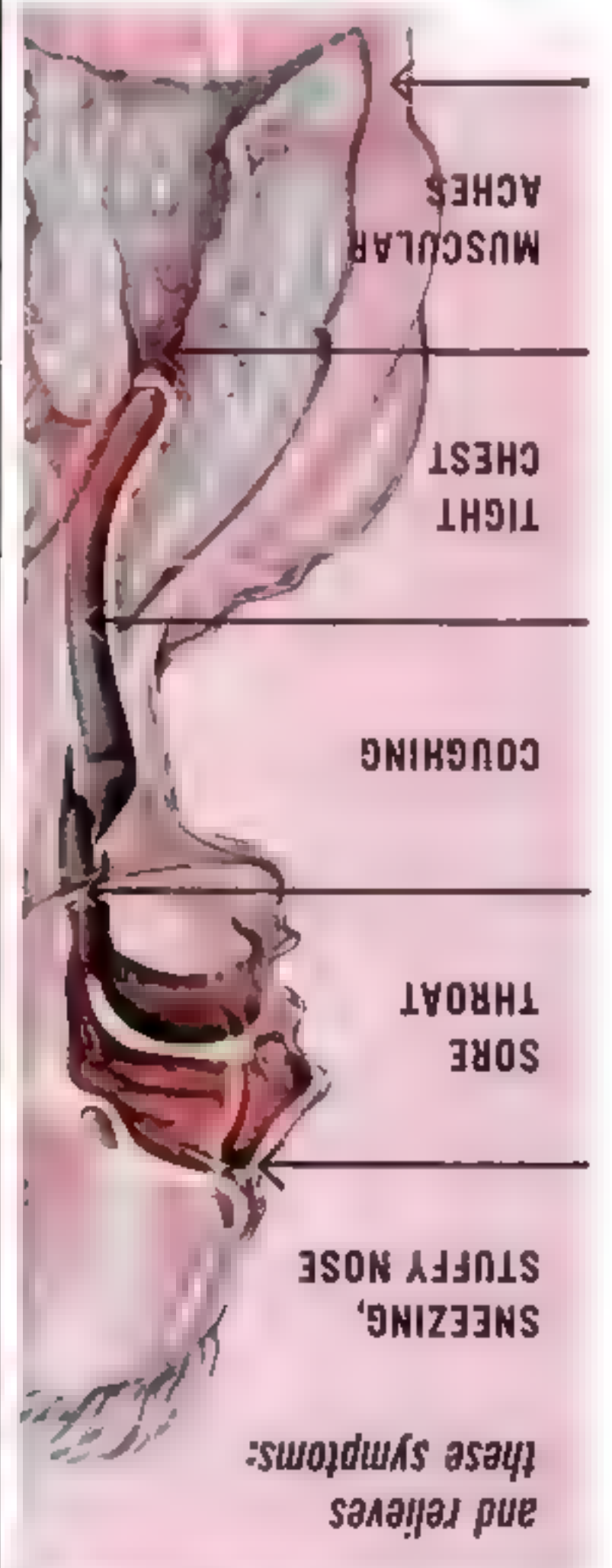


**Goldene**  
relieve relief in minutes



The common cold is not a single ailment and its stages progress in no certain order. A cold attacks various parts of your system, bringing a variety of miseries to different parts of your body.

Goldene combines in one medicine quick-acting ingredients known to provide relief at your cold's several stages. Goldene acts faster because it's a liquid. Brings relief before a tablet can be digested. Most powerful cold medicine you can buy without a prescription.



**Goldene**  
catches your  
cold in any of  
its 5 stages \*

"I don't think it's important whether as chief executive I live in New York or Detroit. I couldn't shuttle back and forth any more than I have for the last 30 years. My wife keeps saying about me, 'He's really always on the way to Detroit.'"

From New York apartment Donner discusses GM strike situation (later settled) with Vice President Louis Seaton, in Detroit, then (right) rushes to office.



Both Chairman Donner and President Gordon are Midwesterners, both alumni of the University of Michigan and both long-time GM men. But here the resemblance stops. Affable Jack Gordon, 58, is a motor-city man, who has been with the company 35 years, knows car production and engineering. Under his postwar leadership Cadillac broke all sales records.

### Donner's progress: boy wonder to boss

GM EXECUTIVE COMMITTEE meets in Detroit with new team. Clockwise from bottom are Carl H. Kindl (Overseas and Canada), Roger M. Kyes (Household Appliances), GMC Truck), Thomas H. Keating (Passenger

headquarters. Known as "GM's boy wonder" when he was made head of the financial staff at the age of 38, he devours pages of reports at a glance and confounds his staff by quoting them verbatim from memory. He often holds three meetings in his office at once but rejects as untrue the myth that he is just "an animated slide rule." He protests, "I don't even own one," and adds, "Most people have a false idea of what the financial end is. At GM it can mean personnel, engineering, research, sales, even styling—and for me it now means all of them."

Car), Cyrus R. Osborn (Engines), President John F. Gordon, Frederick G. Donner, Secretary William Collins, Louis C. Goad (Executive V.P.), Sherrod E. Skinner (Accessories), James E. Goodman (Body and Assembly).





MANUFACTURERS OF ROYAL TRITON, THE AMAZING PURPLE MOTOR OIL

76

## Union Oil Company of California

YOUR COMMENTS INVITED. Writer: Chairman of the Board, Union Oil Co., Union Oil Center, Los Angeles 17, Calif.

In spite of this low rate of return, petroleum prices have only risen 18.2% above the U.S. commodity index level compared to a 25.8% increase in all other commodities (farm and food products excepted).

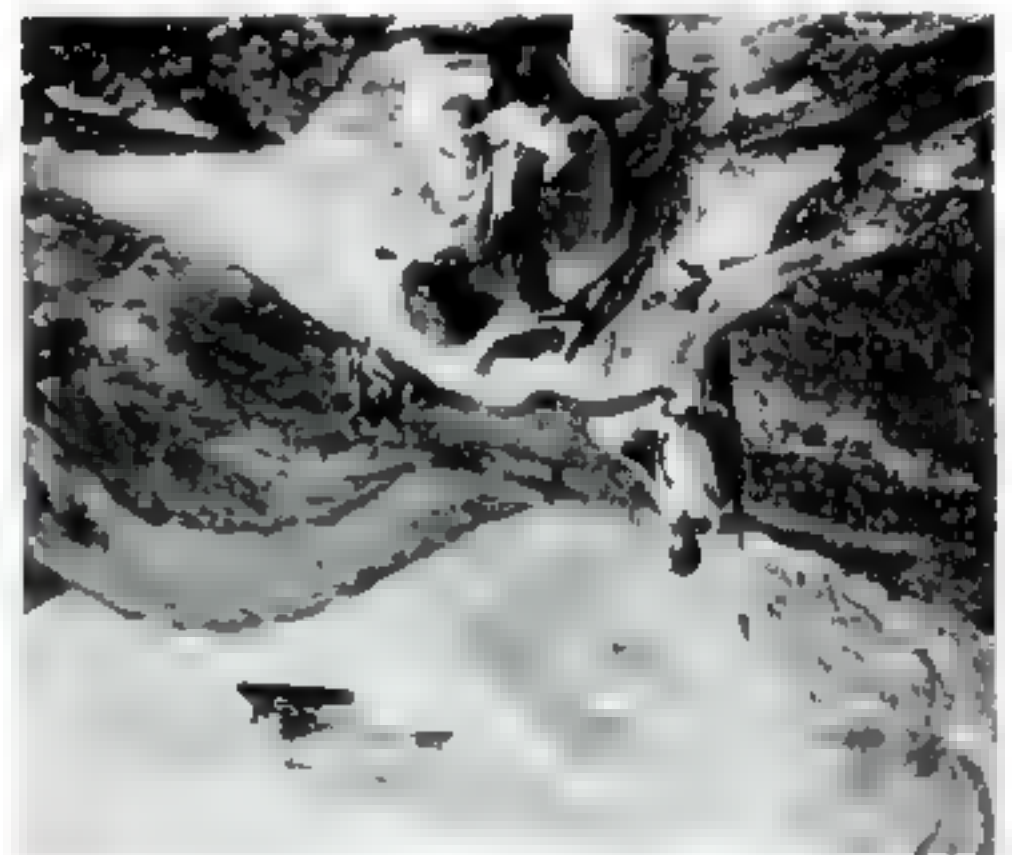
of 13.8% earned by other manufacturing companies.

The difficulties and sometimes extraordinary costs of finding oil that he describes help to explain a recent study by the Chase Manhattan Bank and First National City Bank of New York. The study reveals that U.S. domestic oil companies showed an average profit of only 11.4% on their net worth compared with the average

we'll find it and bring it out. That's our business. "And, what with all the world tensions, won't it be a comfortable feeling to know we've discovered a new source of oil within the boundaries of our own country?"



"I can promise you one thing: if oil is there, ones like this. The industry grew up solving the tough old-fashioned kind of challenge an oil man rel- "All in a day's work? Not quite. But it's the got to build the tankers to get it to the refineries. terminals to load it on the tankers. And you've crude to the terminals. You've got to build the "You've got to build the pipe lines to get the quantities. And that's only the beginning. exploration before oil is developed in commercial "The industry will spend millions of dollars in lets you work only three months out of the year.



"Now that Alaska is on the verge of statehood, the petroleum industry is gambling that it will be a richer source of oil than it has been of gold. "The job isn't going to be easy. There are few good roads—we have to bring our geological crews in by helicopter. In some areas the weather

Alaska—in America's new frontier, an old challenge

John Kilkeny



JOHN KILKENY: "IN OUR 49TH STATE—MILLIONS TO FIND IT, MORE MILLIONS TO GET IT OUT."



## How to help your teen-agers do better homework...



The pressure is on for better grades. How can you as a parent help your children do better homework, better schoolwork?

Help them build up their word power: give them Webster's New Collegiate Dictionary — the Merriam-Webster, required or recommended by nearly every school and college.

This *Merriam-Webster* is the one dictionary that helps students with everything they read . . . from Shakespeare to today's newspaper. It is the one dictionary with definitions so precise and so complete that correct understanding of every word is assured.

Your teen-agers — everyone in your family — will get help from Webster's New Collegiate, prepared by Merriam-Webster's permanent staff of experts in dictionary making. Ask for it at book, department, or stationery stores. Only \$5 plain, \$6 indexed.



**MERRIAM-WEBSTER**  
INSIST ON  
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Some "Webster's" do not even include the binomial genus and species terms essential for high-school and college students. To be sure of the accuracy, up-to-dateness, and well-rounded balance a student must have in a dictionary, look for the word *Merriam*. The only company specializing in dictionaries — publishers of the famous unabridged Webster's New International Dictionary, Second Edition, G. & C. Merriam Company, Springfield 2, Mass. Adv. Copyright by G. & C. Merriam Co.

GMI TEAM! CONTINUED



COLLECTOR Donner, whose enthusiasms are Dickens, the Civil War and ancient history, leafs through first edition of *Pickwick Papers* in his New York apartment. "The books you see here are not for bedtime reading. I take detective stories then—as a soporific. As for taking strenuous exercise, I agree with the man who said when he felt exercise coming on he lay down until the feeling passed."



Mrs. DONNER, former high school teacher who holds M.A. in political science at Columbia, works at needlepoint. The Donners have two grown children. Mr. Donner says: "We were married just before the '29 crash and after that things didn't look so secure. Looking forward, of course, they never do. Security is only real when you look back. It's that 20-20 vision of hindsight."



MUSIC  
BY

STEREO

WEBB



## Webcor for '59...truest stereofonic music—most distinguished modern and period cabinetry

And the new Webcor's look as beautiful as they sound. Their magnificent modern and period console cabinets are styled by one of America's foremost furniture designers—master-crafted from finest, carefully selected hardwoods—hand-rubbed to a luxurious, satin finish.

The Webcor Contemporary (illustrated)—when played with its matching external amplifier-speaker system—provides 60 watts audio power, thrilling 7-speaker stereo sound.

The inspiring music you hear on a new 1959 Webcor is true stereofonic music—as natural as the original—with precisely the same values, dimensions, and direction. Play the new stereofonic records . . . hear the sound from two separate speaker systems . . . and you're literally sitting in the middle of the marvelous music.

The Webcor Magic Mind Stereo-Dischanger plays all four speeds; automatically plays 33 and 45 rpm records—both stereo and monaural—intermix.

**Stereo Mate III Amplifier-Speaker System**  
(above left) has 3 speakers—30-watt amplifier  
—off on-volume control. About \$125 \*

**Contemporary Stereo-Fidelity Radio-Phonograph** (above, right) has Magic Mind  
Stereo-Dischanger—4 speakers—30-watt amplifier—automatic shut-off—13-tube  
AM-FM radio-tune. In Mahogany, Walnut, Blonde or Ebony. About \$450 \*

\*Prices slightly higher West and Southwest

Webcor Contemporary has AM-FM  
radio with Armstrong circuit  
provides complete music  
center for your home.



ENJOY A PERSONAL AUDITION AT YOUR WEBCOR DEALER'S TODAY!



# “Even my 1914 Mercer rides like a baby carriage on this new-type, sound-conditioned concrete!”

Says JAMES MELTON, famous singer and noted collector of historic cars

## PORTLAND CEMENT ASSOCIATION

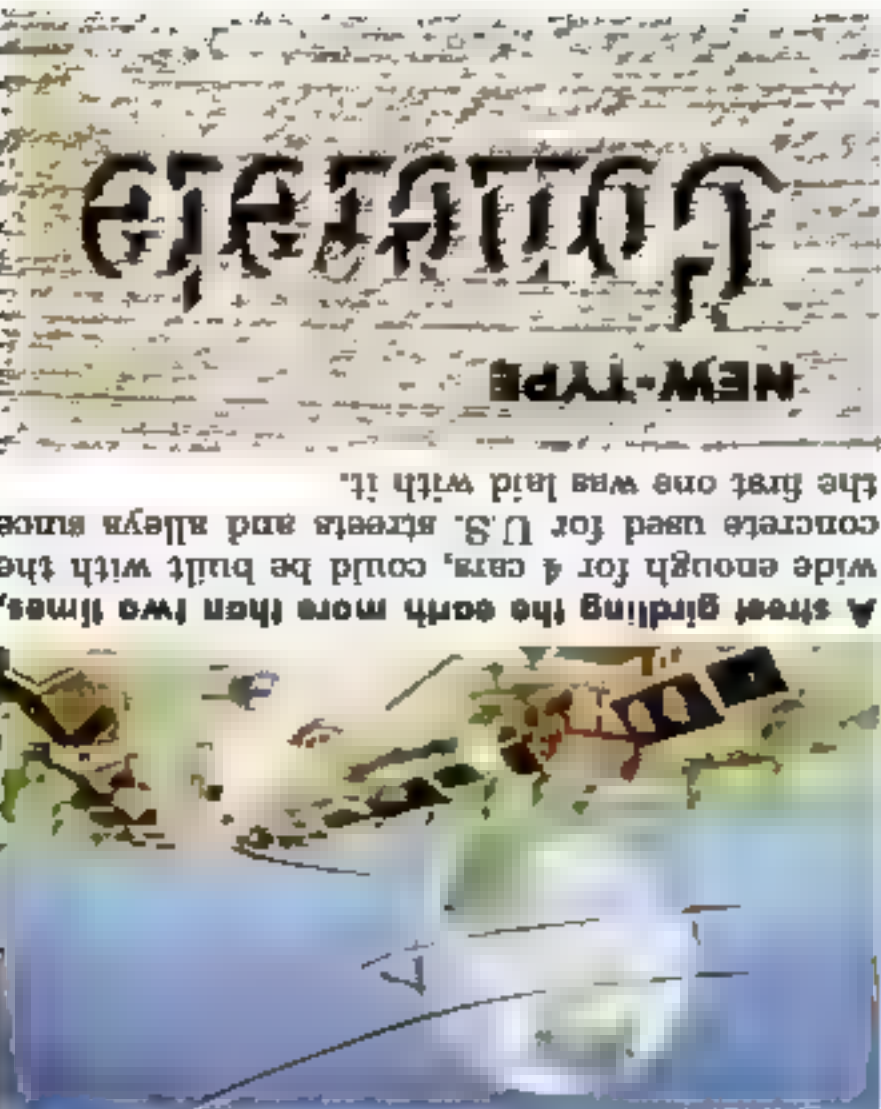
A national organization to improve and extend the uses of concrete

port the concrete to make this flatness permanent. Your wonderful ride is insured for years, too, by a special process called "air entrainment." It puts into the concrete billions of minute air bubbles that prevent roughening from freezing or de-icers. Little wonder the life expectancy of new-type concrete is 50 years and more—with up to 60% lower upkeep expense than for asphalt. So the moderate first cost isn't just a down payment. With all this comes safety; concrete's grainy surface for dependable, all-weather skid resistance . . . its light color that enables you to see so much better at night. There's a lot of happy driving in your future—starting now. Concrete is the preferred pavement for the new Interstate System.

"I've driven almost every kind of car—and high-way. This new-type concrete is really smooth going. I can see why it's being used on our new Interstate System. Never any thumps—even with my old Raceabout's 65-pound pressure tires. One trip on it—you'll be as enthusiastic as I am!" Smoothest thing under wheels—this new-type concrete! Quietest, too. What makes such a difference? The way it's laid, for one thing—in a continuous strip. No joints . . . only tiny, sawed-in cushion spaces. You can't hear or feel that they're there. And new-type concrete is laid flat—flatter than any other pavement can be made. No waviness to jounce you around. Specially designed subbases sup-



All over America, new-type concrete is making driving more fun



A street girdling the earth more than two times, wide enough for 4 cars, could be built with the concrete used for U.S. streets and alleys since the first one was laid with it.



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Keep your feet in Wigwam! Soft, snug, long-wearing... they add foot comfort to any activity. NEW!... thermal knit for extra warmth and cushioning in ski and hunting socks. Ask for Wigwams at leading department and sporting goods stores.



W. D. Gamm socks

in the warm comfort of

Al-  
purpose =  
that  
took

Walk  
into  
winter...

THE PANKEN SWEEPER CO. • SPRINGFIELD, OHIO

\*အရည်အသွေး ပမာဏနှင့် အသုံးပြုမှု စီမံခန့်ခွဲမှု

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Stroll Along  
As you  
Laugh...  
Sweep your

**Parkson**  
LAWN SWEEPERS

CONTINUED

upper lip, he recorded the Saravali play on electronic tape. It is the kind of part Jackie does on—keeps him on stage almost all the time, lets him get into everybody else's act. But when that job was finished he shaved off the real growth and in his standard comic repertoire relied on a much larger prop mustache to play the oafish Reggie Van Gleason role. Jackie thought he was doing just grand both ways in his comeback. "I always think I gave a great performance," he bellowed, or I wouldn't put on the show."

an old familiar face shows up on television this week but with an unfamiliar decoration. Jackie Gleason, having come back with his own show after a year-long absence from TV, takes on as an added chore the straight dramatic role of the philosophical barfly in William Saroyan's *The Time of Your Life* (Playhouse 90, CBS-TV, Oct. 9, 9-30-11 p.m. E.D.T.). Gleason stepped away from TV in 1957 when his ratings, like those of most comics, dropped drastically. Last month, sprouting a black and bristly

## Jackie's Unfamiliar Face

BEHIND THE HAND IS A NEW-AND-FORWARD-ELECTAL ADDRESSMENT THAT JAMES GLASSON GIVE FOR A TV ROLE



TELEVISION



## NATIONAL ASSOCIATION OF INSURANCE AGENTS, INC.



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Only an  
Independent Insurance Agent  
can display it.

When you buy insurance for your home, car or business, be sure that you buy through an independent insurance agent.

What is more, he gives you continuing service. He is alert—on your behalf—to changes in local conditions, to developments in the insurance industry. His responsibility begins, not ends, with the sale of a policy to you.

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When your home is destroyed by fire, your worries may seem overwhelming. Just as they do when your car is severely damaged or you injure someone and believe you are at fault. But in all these cases, your worries about money are likely to be short-lived if you're insured through an independent insurance agent. Here's why:

## When You Need Help Most



CLEAN-SHAVEN AGAIN, after having finished his work in the Saravali role, Gleason matches midlife with New York restaurant owner Tufts St. or.



ADHERING HIMSELF, Gleason rises from perch in studio dressing room to gesture approvingly at his acting as he views tape version of the play.



NOT STACHE ON A LEW in Saravali play, Gleason rehearses with Actress Bess Palmer. She plays role of itinerant hozy who frequents Gleason's bar.



JACKIE CONTINUED



...music's most glorious voice

## Hammond Organ

Now at your Hammond dealer...



### New Play-by-Christmas Plan Includes:

- Four organ lessons
- All necessary music
- Free practice sessions

All for \$8

(You don't have to buy a Hammond Organ to take the course)



Hammond Organ Company  
4209 W. Diversey Ave., Chicago 19, Illinois  
Please send name of my nearest Hammond dealer and full details of the play-by-Christmas plan

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Zone \_\_\_\_\_

State \_\_\_\_\_

So why not give it a try? You've scarcely a thing to lose, and everything to gain (like the thrill of seeing those astonished looks at Christmas when you sit down and play the organ!). Send the coupon right now for the name of your nearest Hammond participating dealer and complete details of the play-by-Christmas plan. No obligation, of course.

You'll be taking lessons in the studio of your Hammond dealer, on the famous Spinnet Model of the Hammond Organ. You'll get free practice sessions and all necessary music. You'll find the lessons easy, Relaxing, And fun. No dull exercises—you'll learn by playing real songs. And you'll progress fast!

Hammond's new play-by-Christmas plan, you'll learn such little effort, at such little expense. For with And the wonderful thing is, you'll accomplish this with music. You'll get free practice sessions and all necessary music. You'll find the lessons easy, Relaxing, And fun. No dull exercises—you'll learn by playing real songs. And you'll progress fast!

...in just 4 lessons for only \$8

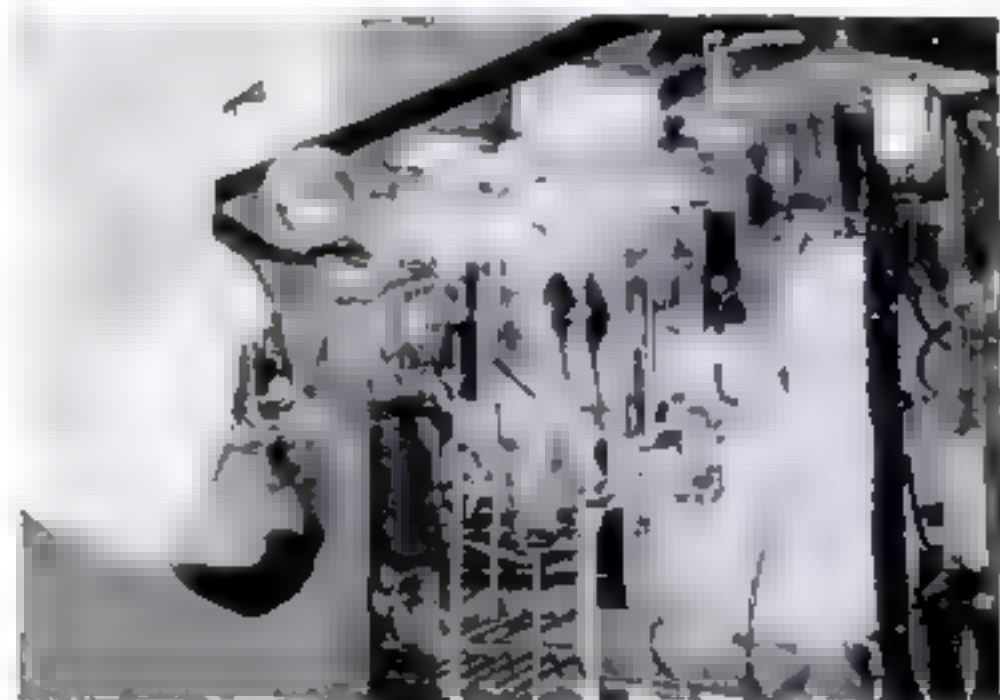



# PLAY BY CHRISTMAS

new Hammond Organ plan lets you

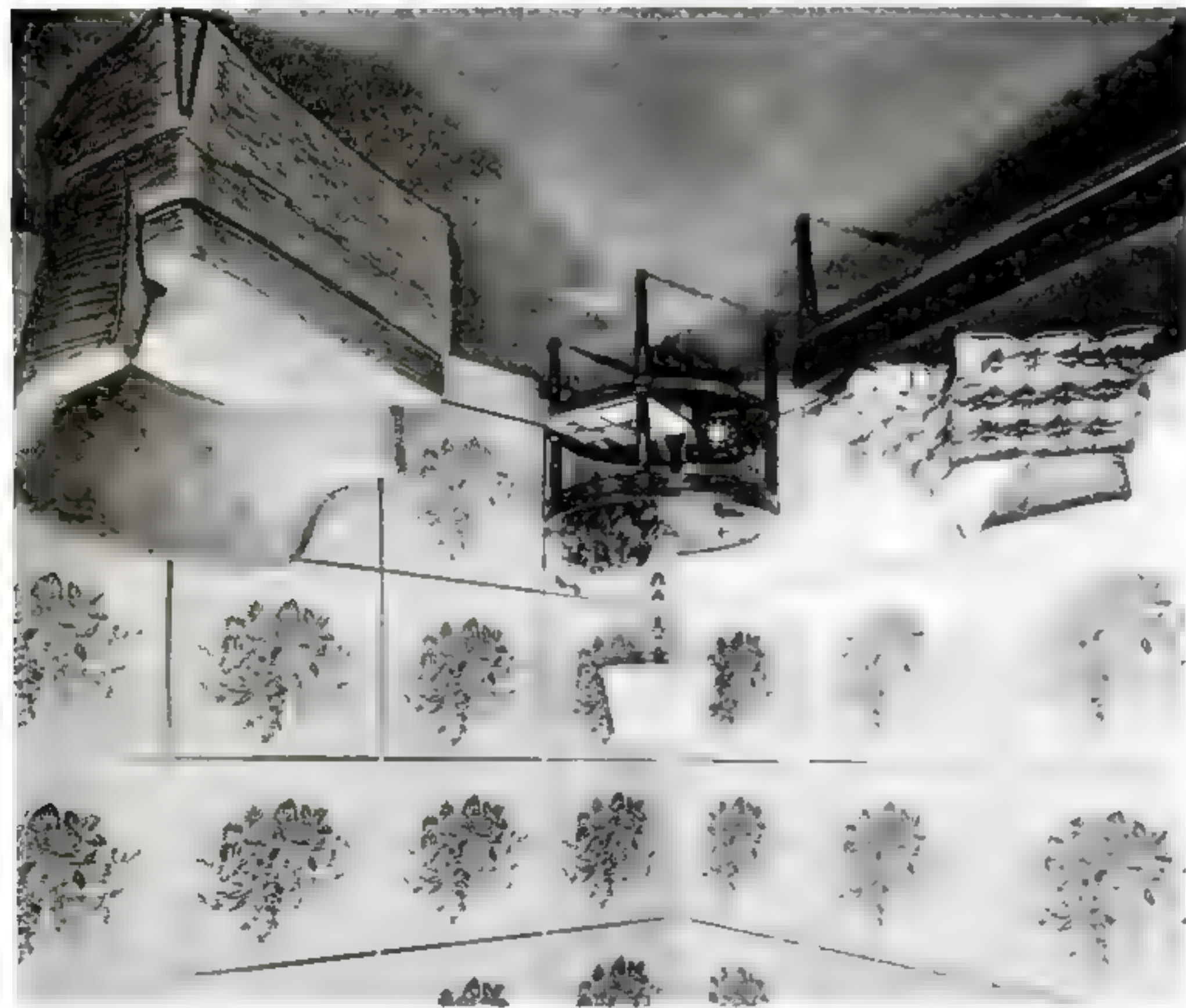


*Now you can absorb noise, insulate and decorate*



**Curtiss-Wright**  *Research...*

has created new standards of comfort and quiet plus beauty for America's homeowners with...



Living room decorated, insulated, and quieted with Curon Wall Covering... brocade tapestry custom-banded to 1/4 in. Curon by a special Curtiss-Wright process.

# Curon® SOFT WALL COVERING

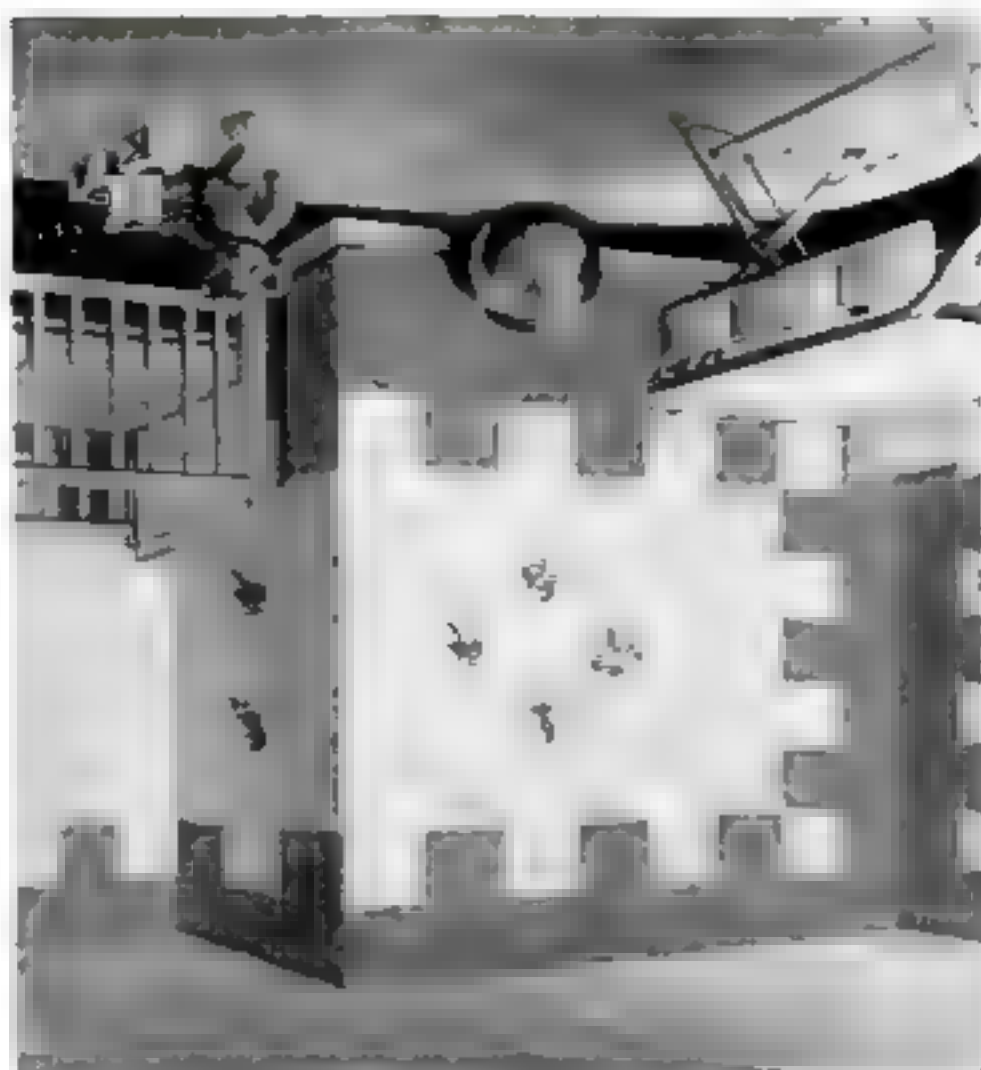
You'll live better... more comfortably... more restfully... in rooms made more gracious, more luxurious with CURON

## Curtiss-Wright Research

In a search for new and better products for America, the Research Division of Curtiss-Wright has developed Curon, a versatile new family of soft, flexible multi-cellular materials that have wide application in home and industry. These Curon products have raised the standards of living and comfort, made housework easier, homes more delightful, clothing lighter and more protective.

## Only Curon Offers All Three

As a wall and ceiling covering, Curon is unique in that it combines three properties in one decorative material. In homes and offices, Curon not only adds a new look of luxury, but also makes possible extra year-round comfort and a new degree of restfulness by quieting the increasing noise of modern life. There are other acoustical materials on the market—other



Curon brings new quiet, beauty and comfort to the nursery or any room in your home.

## "Soft Wall" Luxury

Curon introduces something of the graciousness of the past into modern living... because it is a "soft wall," like the priceless tapestry and velvet wall hangings of medieval times. Composed of millions of tiny air cells, 1/4" thick Curon is soft to the touch, and soft to the eye, too. Curon's 24 rich decorator colors... beautiful new pastels... special "tweed" finishes... tastefully silk screened "accent" tiles... make it possible to match every room's mood or motif. And for extra luxury, Curon can be bonded directly to special decorator fabrics, to widen even further the decorative possibilities.

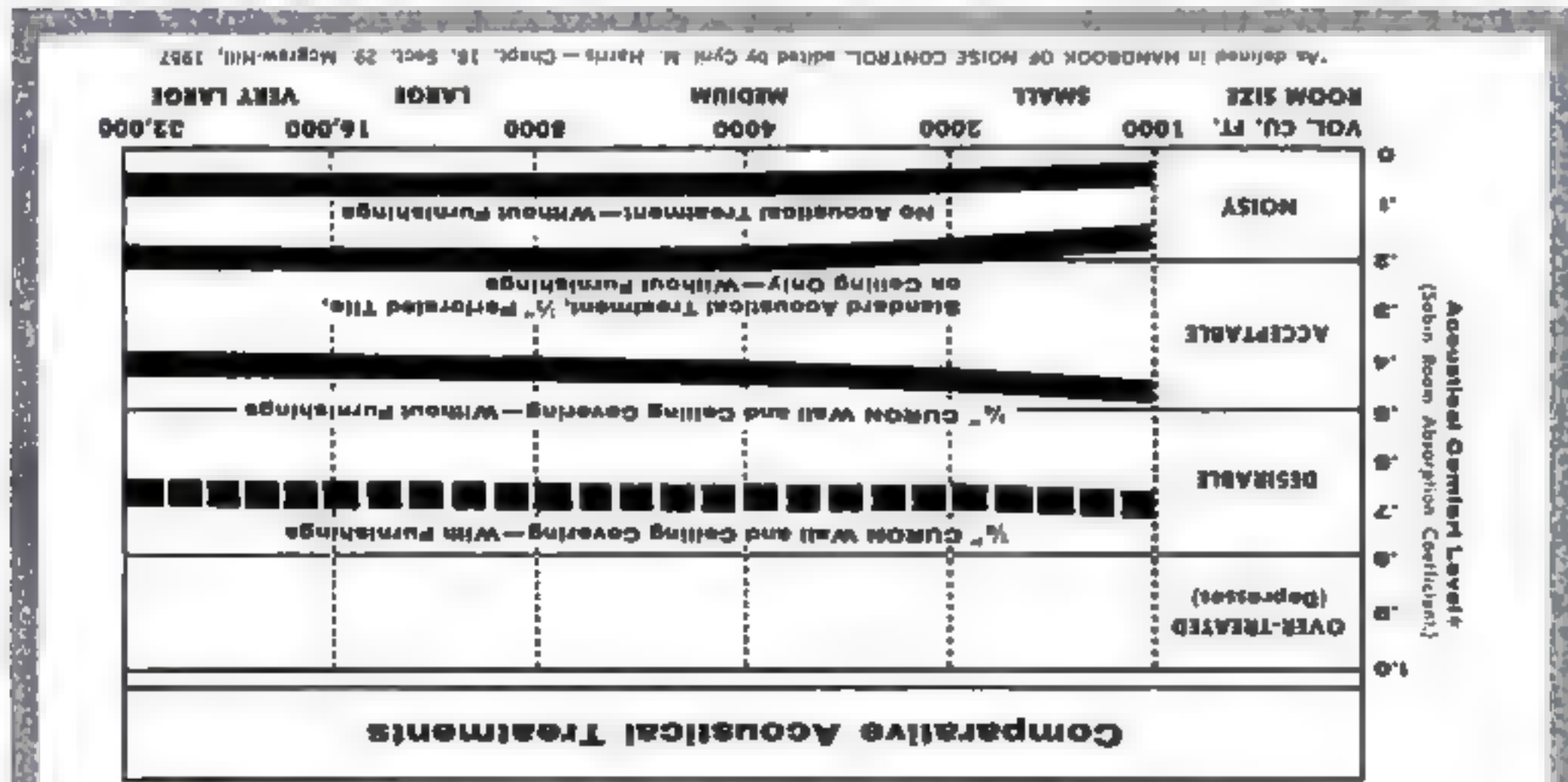
... no "factory" look!

Wall and Ceiling Covering has no perforations proper balance in one product. And Curon mal, and decorative qualities combined in erings. But only in Curon are acoustical, ther-



# with just one material... Curton WALL COVERING

Here's what the Curton "SOFT WALL" means in terms of new *QUIET* for your home



and cinder block... and over curved surfaces. Curton is just the thing for "problem" walls, for it permanently covers persistent cracks that show through other materials.

**See Your Dealer Today**  
... and have him demonstrate Curton's unique acoustical properties, and show you the full range of 24 rich decorator colors including the new, soft pastels. Ask, also, to see the special "tweed" finishes, decorative "accent" tiles, and special designs. Only when you see Curton will you fully appreciate the new luxury it can add to your home.



Soft, flexible Curton is easy to install, even over curved surfaces—note "accent" tiles. Curton\* is available in 10 in. and 20 in. squares, 10 in. x 20 in. rectangles, and in panels and roll material.

Other Curton Products from Curtiss-Wright Research include:  
CURTON INTERLINING • DURA-SOFT CLEANING AIDS  
CURTON CARPET CUSHION  
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**Curton WALL COVERING**  
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Represented in Canada by CANADIAN CURTIS-WRIGHT LTD., 1980 Sherbrooke St. W., Montreal 25, Que.

insulating ability keeps wall surfaces cooler, increasing the effectiveness of air conditioning.

**Flame-Resistant**  
Curton Wall Covering has been tested for flame resistance by leading independent laboratories. It has been given the superior rating of "Class B" with respect to U. S. Federal Specification SS-A-118b for Acoustical Materials. It has also been found highly acceptable when tested in accordance with The American Society for Testing Materials specifications C209-55T and E84-50T. Curton has been rated FHA-ACCEPTABLE as a building material in all 48 states.

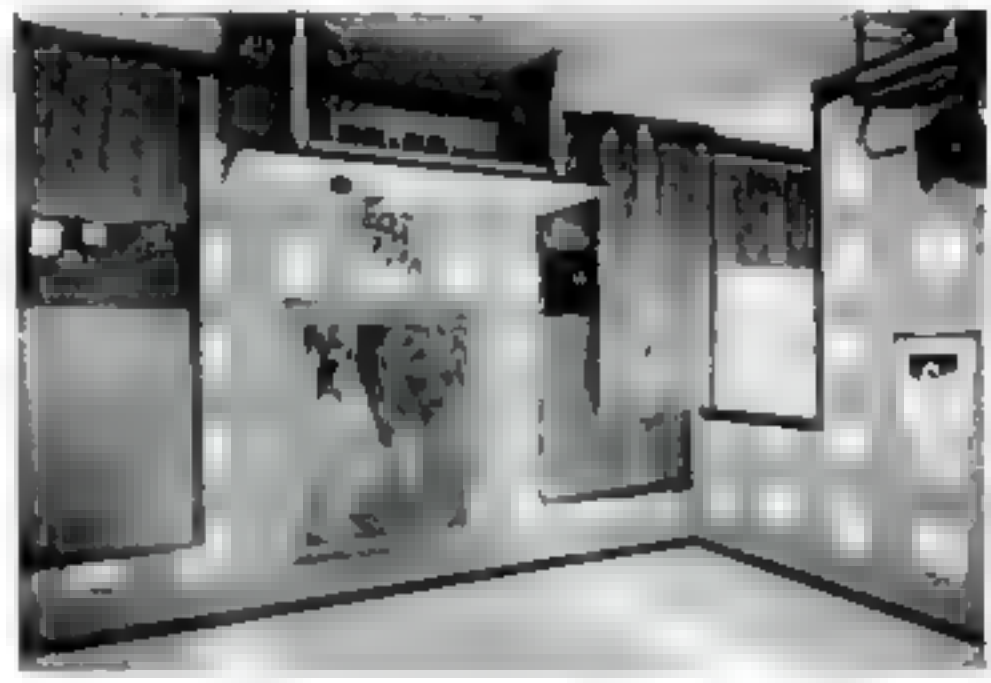
**Washable and Hygienic**  
Curton is easily cleaned with a damp cloth and can even be washed with soap and water. Unlike most acoustical materials, Curton will not crumble or dust, and its colors stay bright. Inert to bacteria and fungus, Curton has wide applications in modern hospitals.

**Easy to Install**  
Curton is one of the easiest of all wall and ceiling coverings to install. It can be applied to almost any existing wall... including concrete

**SPECIAL DESIGNS**  
Curton Wall Covering is available in decorative and scenic panels and murals. These silk-screened designs... in a wide range of colors and themes... make it possible to add a custom pattern to your decor.

**"Just the Right Level"**  
Curton controls sound. But more importantly, Curton controls it to just the right level. Curton takes the aggravating noise out of the general sound level of homes and offices... absorbs the annoying high frequencies and reverberations that are major contributors to fatigue.

**"Hi-Fi" Quality**  
A radio station recently installed Curton Wall Covering in its studios. Overnight its listeners flooded the station with letters praising the improved quality of the broadcasting. This experience illustrates one of the most important contributions of Curton to acoustics: Curton increases the overall quality of sound, making it more pleasant, and making homes more livable, offices less tiring. For the Hi-Fi enthusiast, Curton offers an ideal acoustical treatment for music or recreation room... absorbing room noises and eliminating unwanted reverberations.



In offices as well as homes, Curton provides just the right level of sound control.

The air-cell structure in new Curton acts like thousands of little thermostats to keep the temperatures in your home even (as well as the temperatures) of the year because of what engineers call its low "K" factor. In winter, for example, fifty per cent of your body's heat is radiated to surrounding surfaces in your home—the walls, ceilings and floors. To make up for this lost heat, you have to keep your furnace working overtime. But with Curton Wall and Ceiling surfaces the heat loss is far lower and slower since the tiny air cells in Curton insulate these surfaces from heat and cold; wall and ceiling surfaces maintain a more even temperature, keeping you more comfortable. In summertime, Curton reverses the process: its



Keep your eye on **SYLVANIA**...fastest growing name in sight

No wonder Sylouette is welcomed by women who furnish their homes with great care—and consider their old TV consoles a compromise. Here at last is a superb television receiver that's a pleasure to see, even when the picture is off. Notice the elegance of this console, the bold, sweeping lines that make people say: "Here's how you'd expect TV to look five years from now!" Yet whether your furniture is traditional

or modern as tomorrow, there's a Sylouette designed especially for it. See how it frames your screen with Halo-Light, Sylvania's exclusive "surround light" that makes your picture look big as a movie screen. Inspect Sylouette TV for yourself. Its superior performance will tell you that the engineering is as remarkable as the design. For a free catalog, send name and address to: Sylvania Home Electronics, Bala, N. Y.

# SYLOUETTE by Sylvania

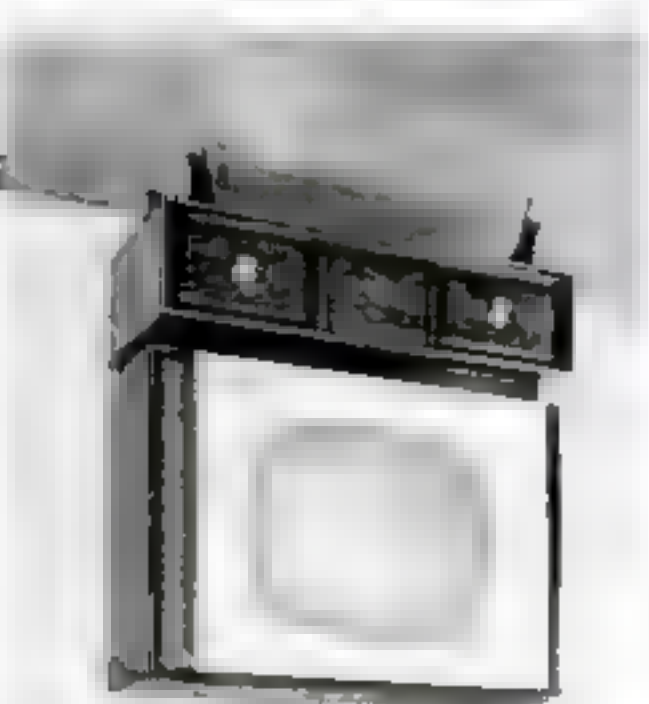
## now in a wide choice of styles



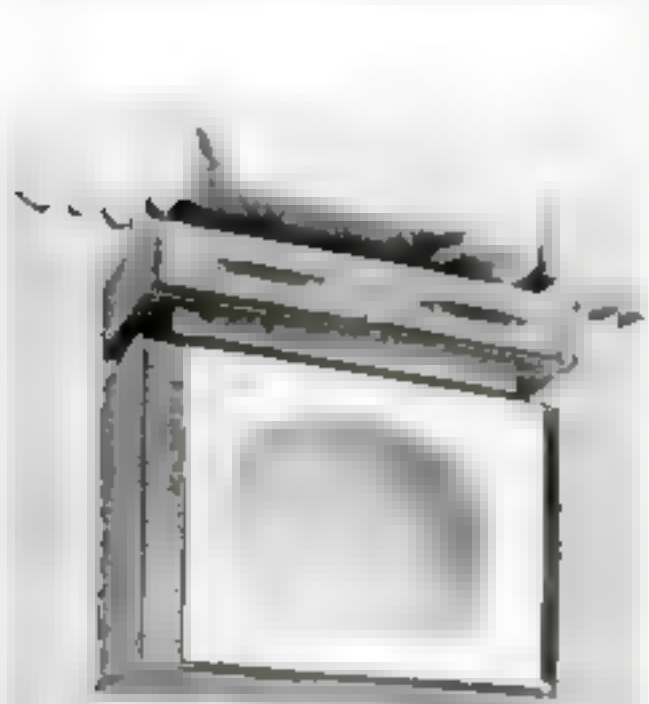
MALCOLM MAKE YOUR PICTURE LOOK BIG AS A MOVIE SCREEN. Ask your dealer about the Halo-Light Life-Time Guarantee. See Walter Brennan in The Best of Days, ABC-TV Network.



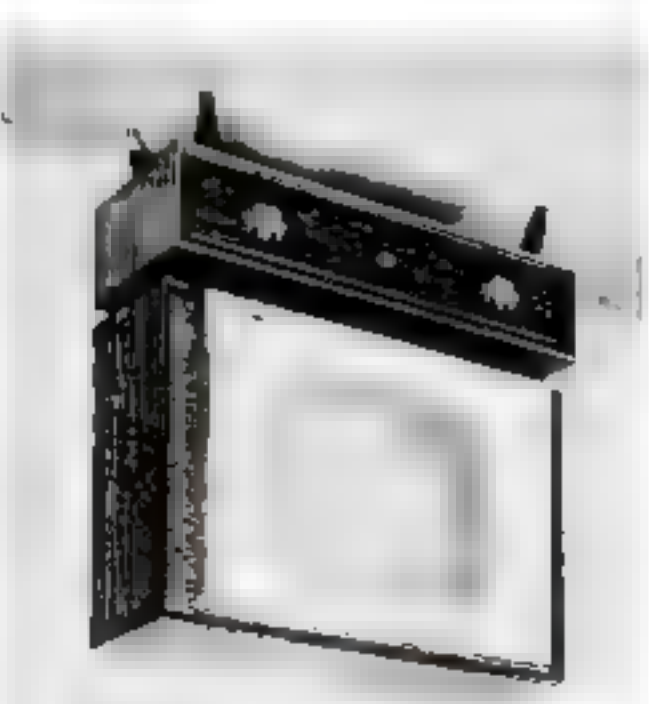
A traditional sophisticate—comes in fruitwood stained finish, elegantly detailed 21C534K



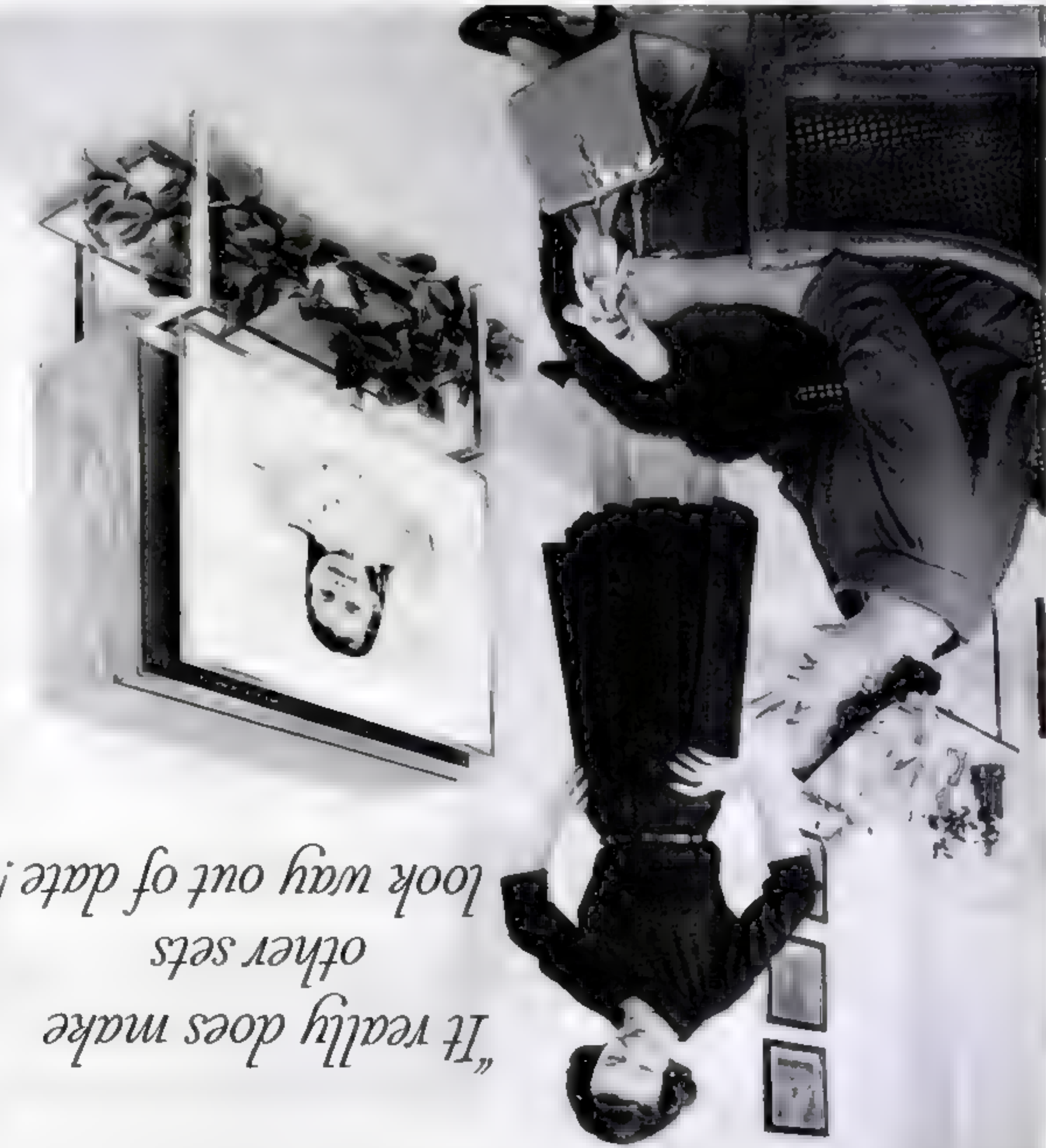
A Sylouette designed to companion your blonde woods in every type of contemporary setting. 21C534B



For 18th-century rooms, this Sylouette has Chippendale hardware, mahogany grained finish. 21C534M



Distinguished in appearance and performance, (Model 21C626)\*. Its unique lines inspired a group of Sylouette clothes. See Sylouette TV and fashions at a fine store in your city. \*Picture size, 20" (actual diameter 20.5" in viewing area).



"It really does make other sets look way out of date!"



# The Awakening Years When the World Is Young

The young girl, swept from sleep by a sudden flood of light, stretches tremulously awake to another day in her years of awakening, the brief and endlessly varying time of childhood. Her name is Jeanette Miller and on that sunny morning she was 9. Jeanette's father is a fine and sensitive photographer who, in the four years since he took this picture, has taken many more of Jeanette and of her brothers and sisters and all their friends. In them he has by now a unique record of the sorrows and the huge delights, the discoveries and the disappointments that are part of all children's bittersweet experience of growing up.



**WAKING UP** and stretching, Jeanette Miller elects to stay in bed awhile, caught up in her reveries. "I have a secret world," Jeanette once said, "but I

don't want to talk about it because it wouldn't be a secret then." This is one of the first pictures her father took in his record of children growing up.

Photographed by WAYNE MILLER

CONTINUED

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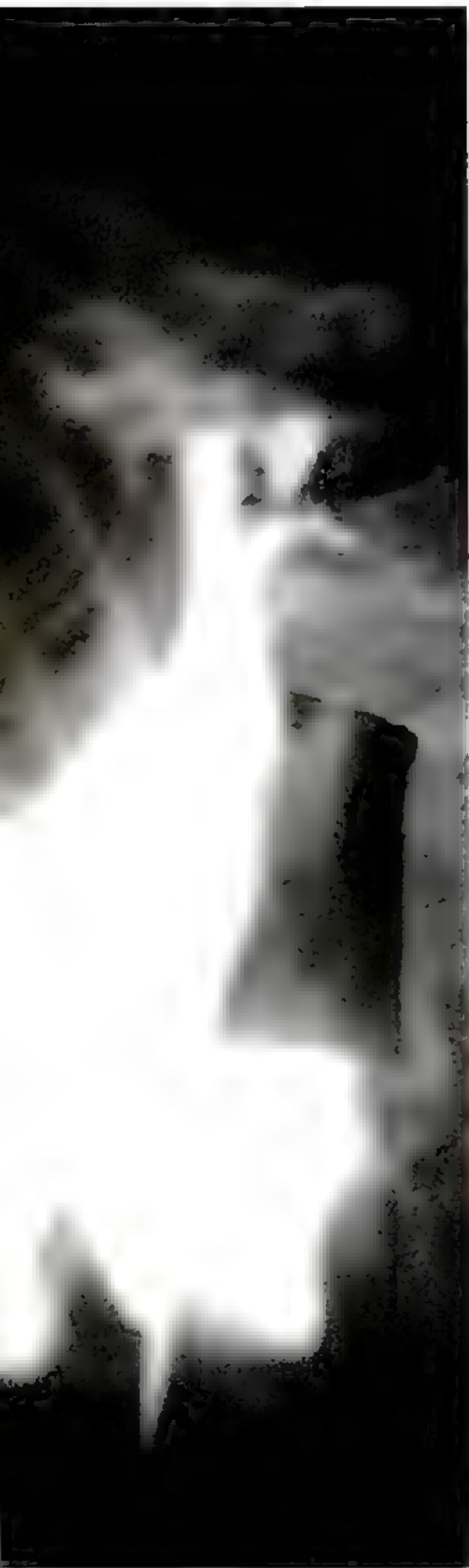


## AWAKENING YEARS CONTINUED

**R**APT for a moment, Peter at 5 plinks experimentally at piano on which brother David was taking lessons. Everlastingly curious, he interrupted a sail with plastic ship, gave a concert and then darted off on his tireless way.



**F**ASCINATED by fire, Peter lights matches and a milk carton in the open fireplace. His favorite chore is burning the trash each day.



**C**OVETTING a problem that arose in her day, Dana latches onto mother and begins an earnest narrative. It ended with a request that they go hiking in the woods. They went.



# 'Looking with the children, not at them'

Wayne Miller, his wife Joan and their four children live in the California town of Orinda, 18 miles east of San Francisco. The children are Jeanette, who is now nearly 14, David, 12, Dana, 10, and Peter who is 7. Their father's photographic exploration of childhood numbers 30,000 pictures. Some 300 of them have now been collected in a moving and memorable book, *The World As I saw it*, to be published by the Ridge Press.

"I wanted," says Miller, "to let the children speak and act for themselves, not serve as models to illustrate my or any adult's recollections of what childhood was like. . . . I have tried to look with children rather than at them and to see through their eyes—and in their forms and faces—the sense and meaning of the experiences that crowd each day when the world is young. Before my eyes . . . courses were being charted that would be with these children to their dying day. Frustration and defeat, success, pleasure, triumph were being carved into the features."





# For the boys, fun, feats, fights and a uniform



**FIRST FISH**, two rainbow trout are proudly displayed by David, who caught them on a camping trip to the Sierra Nevada when he was 10. He was doubly proud because no one else in the family caught any fish on the trip.

**RESTOONED** with toilet paper, Peter (*left*) and friend leave trails of it across a field near Miller home. "Fun," Peter's brother once said, "is something you like to do that you can do." "What a mess the paper made," Miller says.

**SWAIL BATTLE** embroils David and friend, John Gilmore. David had had the upper hand, now John comes at him swinging an air rifle. David soon wrestled it away and John went home crying. They did not make up again for a whole hour, and then began the cycle of peace and turmoil over again.

**BIG MOMENT** for David (*left foreground*), as he makes a report to his Cub Scout den. After the wild, free days, he is now part of a group and he finds he likes it. "You learn to work and have fun together," David explained.









**SEBASTIAN'S TALK** goes on long past bedtime during a slumber party. The girls, Jeanette at rear and Dana in foreground, have invited two friends to spend

the night. Now, in darkness broken only by Miller's -trobe light, all four sleepily converse -silly, because one of the friends is moving away next day.



For the girls, solemn moments of parting



and of showing off



**SUDDEN SPAT** erupts before breakfast, Jeanette, then 12, hits Dana, 8, for some of sure infraction and settles back for the salt-frying sound of tear-

**MAKING BELIEVE**, Jeanette and friends dance to records as a show for parents. Jeanette

(right) and Jane White wear grown-up clothes. Anne White, in leotard, tries harder than









# Shifting moods in a time of change



**FI RHO'S (above)** after being scolded for walking home after dark from a dance, Jeanette explains to mother in neighbor's house, cries, "You don't understand!"

**INTENT (left)** and Jeanette waits mother wrapped in a huge towel, fix her hair before a dance. Concerned now for appearance, Jeanette is, says Miller, very young yet very mature.

**EXI BERVAT, Jeanette dances (right)** on patio at party. Her partner is a school friend, Phillip Hicks. "Once," she says, "we went steady for around a week."

CONTINUED





AWAKE now of boys and aware they are newly interested in her, Jeanette gazes intently at a classmate on the ride home from a trip to the planetarium.

in San Francisco. She had recently said, "I don't like boys. I think they're just a great big nuisance." Now she admits: "At a sudden, it's something new."



'All of a sudden, it's something new'

AWAKENING YEARS CONTINUED





## BELL TELEPHONE SYSTEM

Call your Bell Telephone business office today, and see how easy it is to have an extension put in your bedroom (or kitchen, playroom or den).  
P.S.—When you order yours, ask about the handy, built-in telephone night light!

talk relaxed—gives her a refreshing break to lighten the household chores. It's the little touch of luxury that makes her day.  
Even the most budget-conscious husband will be pleasantly surprised to learn how little an extension phone costs.

It's more than a convenience—an extension phone in the bedroom. It isn't only the thousands of steps it saves. Nor is it just the feeling of security at night.  
A bedroom phone actually does something for a busy girl's morale. It lets her

*... a bed-room extension phone*

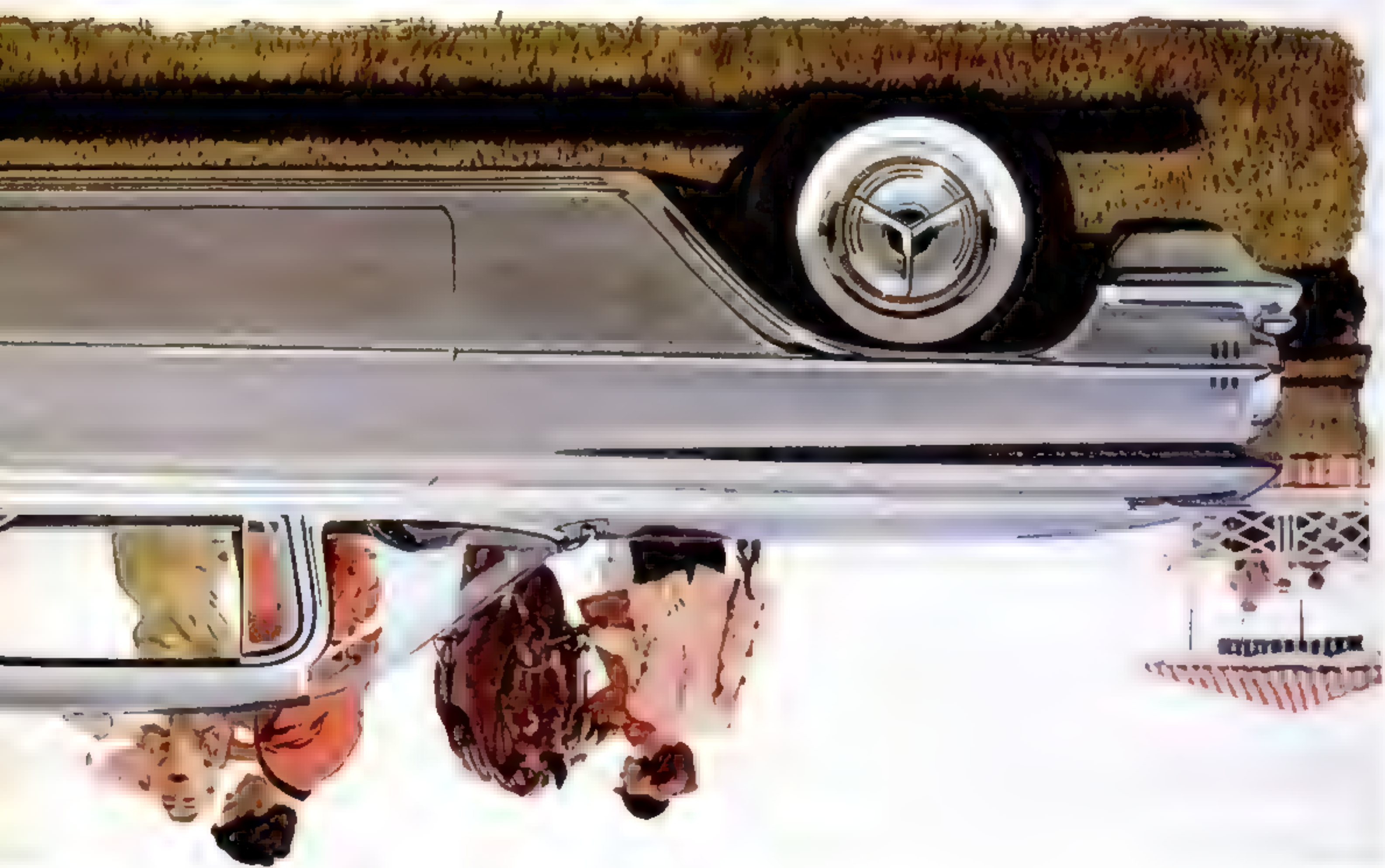
**It's handy, low in cost, wonderful!**





*Start of a New Styling Cycle...*

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## The car that conquers "Inner" Space!

You wished for it! You asked for it! It's here! Wonderful new spaciousness... everywhere... in the new

Ninety-Eight by Olds! Even your outlook is bigger... broader... from vistas of glass that accent a rakish "Linear Look."

Here, too, you command the hushed quiet of the most responsive Rocket Engine of all. You relax as you drive

with instantly obedient, effortless Roto-Matic Power Steering. Here's new luxury... in lines... looks... action!

See the '59 Ninety-Eight by Olds... at your dealer's. Oldsmobile Division, General Motors Corporation.



# M O B I L E

FOR

# '59



Oldsmobile's 1959 Ninety-Eight Holiday Sedan—features rear window of tinted, heat-resistant glass.



Oldsmobile's Ninety-Eight Holiday Sport Sedan—a 4-door family model with the fair and fun of a sports car... highlighted by a wrap around rear window and Vista Panoramic Windshield.

Discover the added values in OLDsmobility... at your local quality dealer's!



"You'll agree folks  
it's the most improved  
instant coffee yet!"



*Not just a faint blush of flavor, here's*

*the full bloom  
of coffee!*

*...fresher flavor and aroma  
than you've ever had before!*

From your next cup on, forget all you know about instant coffee—the un-coffee-like smell, the faint blush of flavor. Today, take Arthur (redirey's advice—breathe in . . . drink in the full bloom of coffee, improved Instant Chase & Sanborn). Here's coffee with a luscious, full bloom look. Wonderful aroma. Fresher natural aroma and flavor than you've ever had before. Here's everything good coffee's got. So *haracup*. Have a "Flavor Break"—a coffee break with full bloom flavor. It's yours only with improved Instant Chase & Sanborn. Try it soon.

**NOW IMPROVED—THE "FLAVOR BREAK" COFFEE**

AND HERE'S THE PRODUCT OF STANDARD BRANDS INC.



# FOUR TOP CADETS IN ONE

Point has never known  
equal of Pete Dawkins  
by MARSHALL SMITH

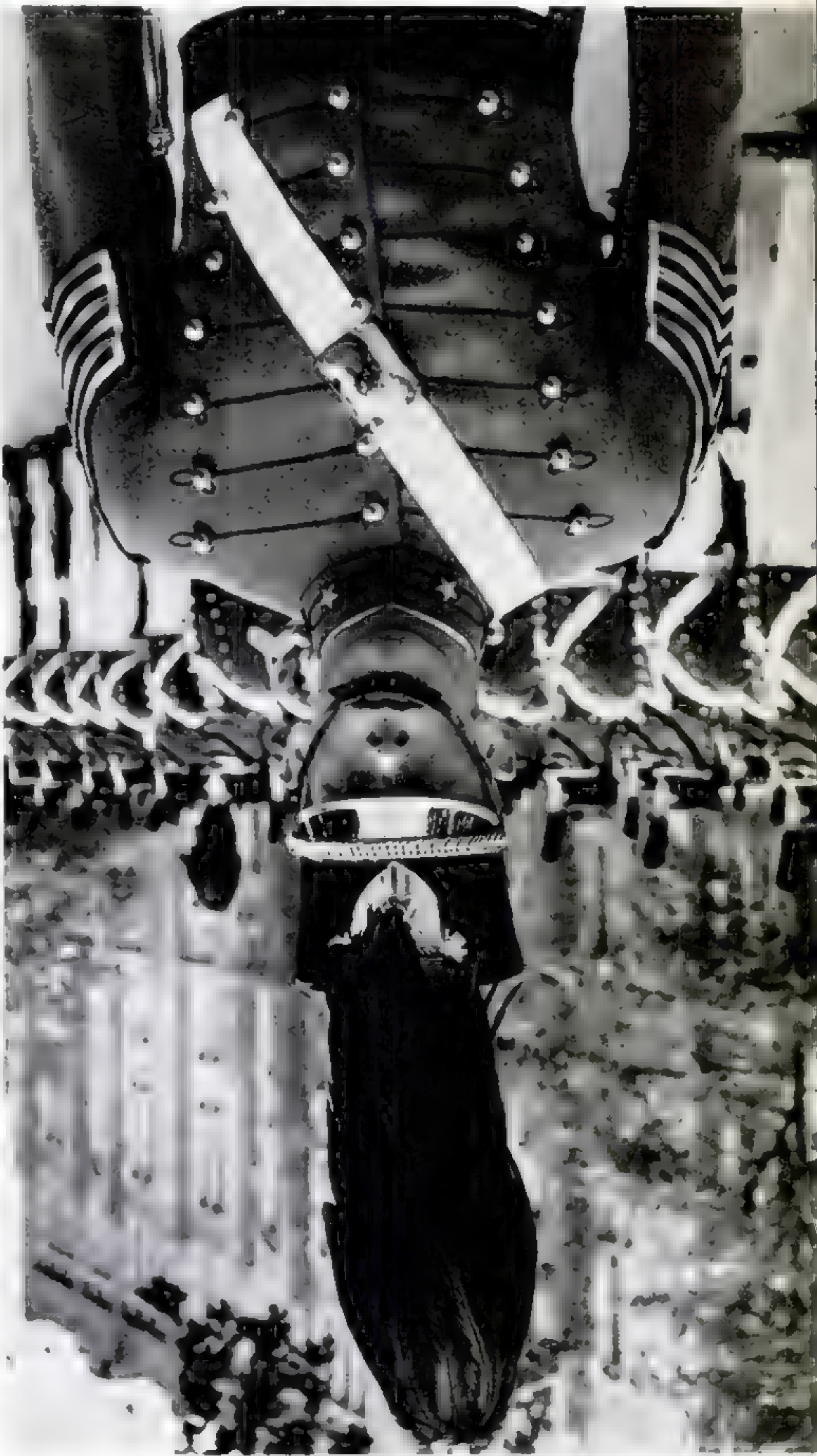
**T**HIS year's first captain of cadets at West

Point, a youth of 20, enjoys more power, pomp and responsibility than most men do in a lifetime. On dress parade, wearing six gold stripes on his sleeves and a tall plume on his tar-bucket hat, he stands apart from the troops in lordly splendor, his orders carried out by two regimental commanders, six battalion commanders and 24 company commanders. As the leader of 2,491 fellow cadets, he metes out justice and enforces discipline. Three times a day he climbs to the balcony above the great mess hall and in a voice ringing with authority shouts out his command to the great assembly. He presides over the elaborate ritual of taking up collection at Sunday chapel. He has, all in all, the most important job a cadet can hold at the U.S. Military Academy. His name: Peter Dawkins.

The second highest honor that a cadet can achieve at West Point is that of football captain. This year's Army football captain, a half-back from Royal Oak, Mich., stands 6 feet 1, weighs 197 pounds and runs like a deer. In the first game of the season he ran wild against South Carolina, scoring four touchdowns and immediately establishing himself as a potential All-American. Besides scoring touchdowns, he has the task as captain of keeping up the spirit of his team and keeping down dissension. This Saturday at South Bend, Ind. he will be the man to watch in the traditional rivalry of the Army-Notre Dame game. His name: Peter Dawkins.

Next in importance to these exalted West Point posts comes the office of class president. The elected president of the class of '59 has many functions. He presides over committees in charge of hotel reservations for busy week-ends. He is responsible for the first-classmen's recreation lounge and the graduation hop. He supervises the selection of the class ring and arranges for such events as the annual

CONTINUED



**FIRST CAPTAIN.** Dawkins wears six chevrons on sleeve. Two stars show high academic standing. **FOOTBALL CAPTAIN** Dawkins cheers from bench as his substitute at right half makes a play





## Honors in everything

angular face will break into a grin and he will suddenly become the 20-year-old again. Once in his study he got onto a laughing jag so unrestrained that an officer trying to break in to tell him something finally had to give up and leave the room. In the first six weeks of his reign as first captain, no complaints have been lodged either from above or below. The superintendent and the commandant, who hand-picked Dawkins for his post as first captain, noticed that after a few days the traditionally skeptical first class was solidly behind him. The cadets themselves noticed that Dawkins found time to talk with third-classmen, who are generally beneath the notice of first captains. Although Dawkins showed no hesitation about handing out demerits, the brigade of cadets felt that he was somewhat "looking out for the troops in a big way."

Along with a few other high-ranking cadets, first Captain Dawkins lives in an octagonal stone tower known as the "whellhouse." There he shares a room with his adjutant, and he has an adjoining office equipped with a rare luxury: a telephone. At night in this office he administers the life of the cadet corps—background music for the staff meeting being supplied by Dawkins' homemade hi-fi set.

The informality of these meetings is hardly in keeping with West Point's stiff-collar tradition. The relaxed first captain presides in a T-shirt. His decisions are couched in such phrases as "No sweat" and "Let's play it cool," for he believes that this is the easiest way to get across his points. He deals with such problems as noise in the barracks after taps, undue abuse of pibbes and the number of first-classmen who wanted to attend a football game, but there are more serious questions which must be taken up with the commandant. Dawkins never argues with the West Point brass just for the sake of arguing, but when he thinks he is right he is not afraid to tackle them. "Everybody knows," one of Dawkins' aides says, "that he'll go up and knock on the com's door."

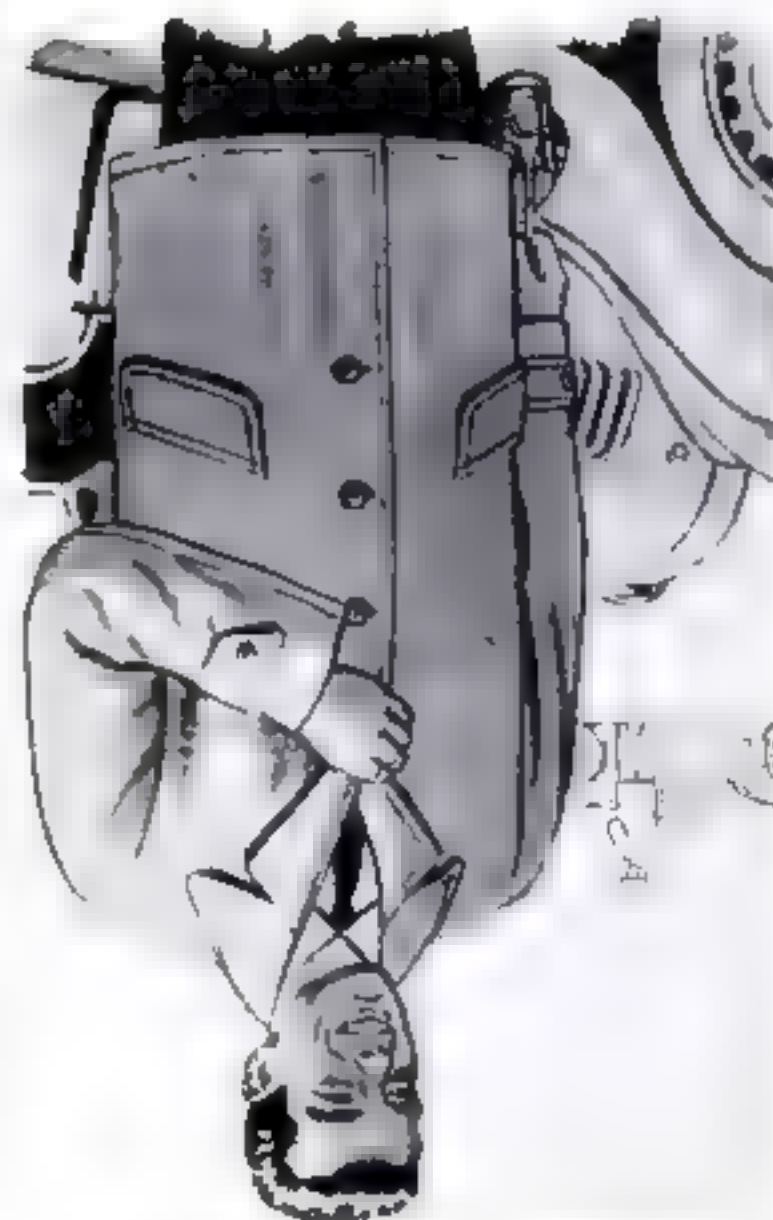
quiet. After taking off his hat and leading them in a moment of silent prayer, he gives command to be seated.

West Point auto show and the annual West Point clothing display. The '59 class president is, of course,

PETE DAWKINS  
CONTINUED

**CALLING FOR ATTENTION** from balcony above the Academy mess hall, Dawkins orders cadet corps to be

Cashmere Blend  
Suburban Coat



by Sir Isaac

**Luxurious Creation**

**America's No. 1 Athlete's Foot Retailer**

## Absorbine Jr.

Get Absorbine Jr. in its new applicator bottle today. Only 60¢ at all drug counters. W. F. Young, Inc., Springfield, Mass.

in less than 5 minutes!

100% of Athlete's Foot Fun!

LABORATORY tests in rats showed

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dening itch, or peeling skin, dab

cracks between your toes, mad-

At the time of the first meeting, the following information was provided:

MAN, WOMAN AND CHILD

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### Athlete's Foot infection without

**Now you can treat contagious**

**FAST!**

## ATHLETES' FOOT

## New way to treat







A FILM BY RANDY LEE LEVINSON

SO SECURITY CAN BEGIN AT ANY AGE...

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**IN MUSICAL INTERLUDE** in his study—one of the few cadet rooms equipped with a telephone—Dawkins plays guitar for roommate, Brigade Adjutant Lee Nunn. Besides guitar he also plays piano, trombone, trumpet.



## PETE DAWKINS

CONTINUED

and coaches, he was outstanding for his "forceful drive, dependability and good nature . . . never ruffled by annoying situations . . . eager to learn."

Pete Dawkins was also hardheaded. As a boy he was repeatedly running into things like stone walls and had to have his head X-rayed about twice a year. When polio left him with a weakened right side, he took to weight lifting to build himself up, then defied doctors orders and played football although he weighed only 110 pounds. He did not like being stopped by anything. The day he broke a finger he gave up playing clarinet in the orchestra—but switched immediately to the trombone.

Next to football, music was the big thing in his life. His finest musical moment came when his five-man jazz combo was invited to give a concert at Michigan's Pontiac State mental hospital. The patients were led into the concert room and the doors closed behind them. The combo started with a slow number, then swung into *When the Saints Go Marching In*. The crowd went wild. Patients climbed up on tables and chairs, shouting and swaying and jumping up and down. "It was," says Dawkins, "the most appreciative audience I ever played to."

But despite his impressive qualifications, he found West Point's gray walls surprisingly inaccessible. Unable to get a primary congressional appointment, he tried another approach. His school football coach recommended him to Army Football Coach Earl Blaik. Blaik at first hesitated, on the ground that Dawkins had played only in a "silk stocking" league. But finally he spoke to Pete's congressman and convinced him he should appoint Pete as a qualified alternate. This made Dawkins eligible to take a special entrance examination. He took it, passed and was in.

Once inside the Point, Dawkins was not sure he had come to the right place. At "Beast Barracks," where new cadets spend a wretched two months shaping up as soldiers under first-classmen, his day consisted of being dressed down, braced up and chewed out. Stoically he went through the motions: 180 steps a minute, chin in, eyes straight ahead—prepared at all times to reel off the number of days to the Navy game and what was playing at the movie that night.

## Pushups on short rations

**A**NY lapse at mealtime, like letting his eyes wander or taking any-thing but a microscopic mouthful of food, brought the fateful order from a first-classman to cease eating and recite. Dawkins fre-

quently got up from the table as hungry as when he sat down. But he would not let short rations interfere with his personal muscle-building campaign. He did 75 pushups a day and horrified his fellow plebes by chaining himself on the railing of a fifth-floor staircase balcony. He was not allowed to bring his body-building weights to West Point, but he got around that by lifting large rocks. His most cherished possession was a trumpet he managed to smuggle in. On the "plebe hike," a fatiguing march through back country, Dawkins



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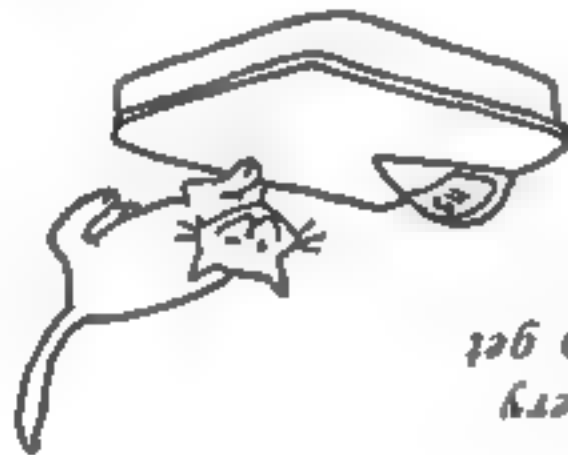


# Some man's-eye views of

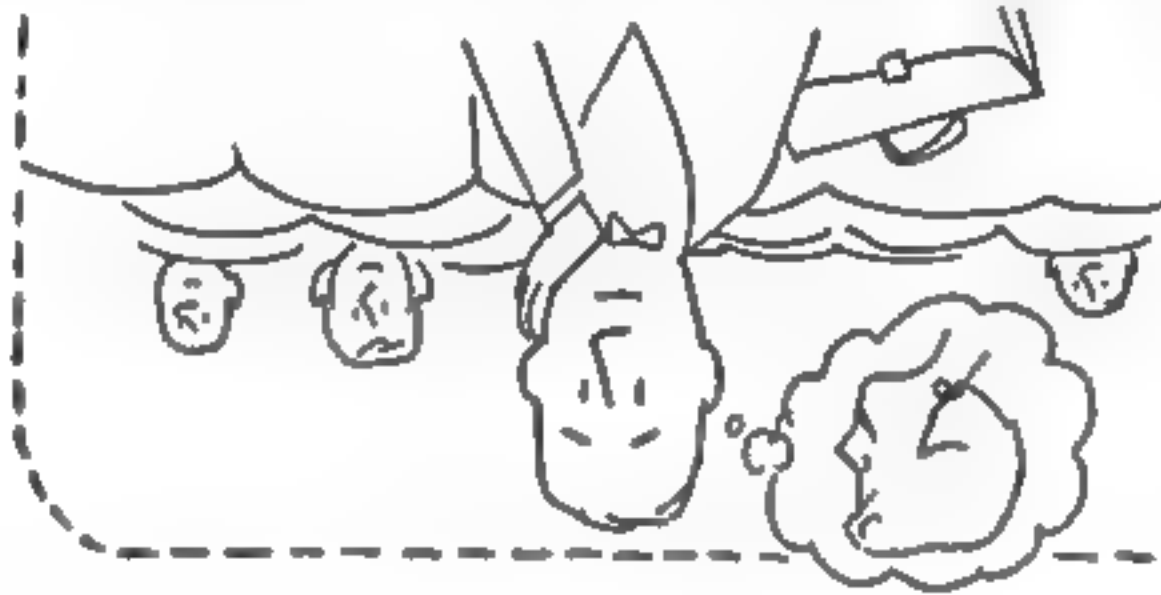
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"Womanpower is what every manufacturer would like to get behind his product."



"Womanpower is when we both go on a diet and she loses 5 pounds while I lose 0 pounds."



"Womanpower is what I miss when I'm alone in Cleveland and end up at a movie by myself."

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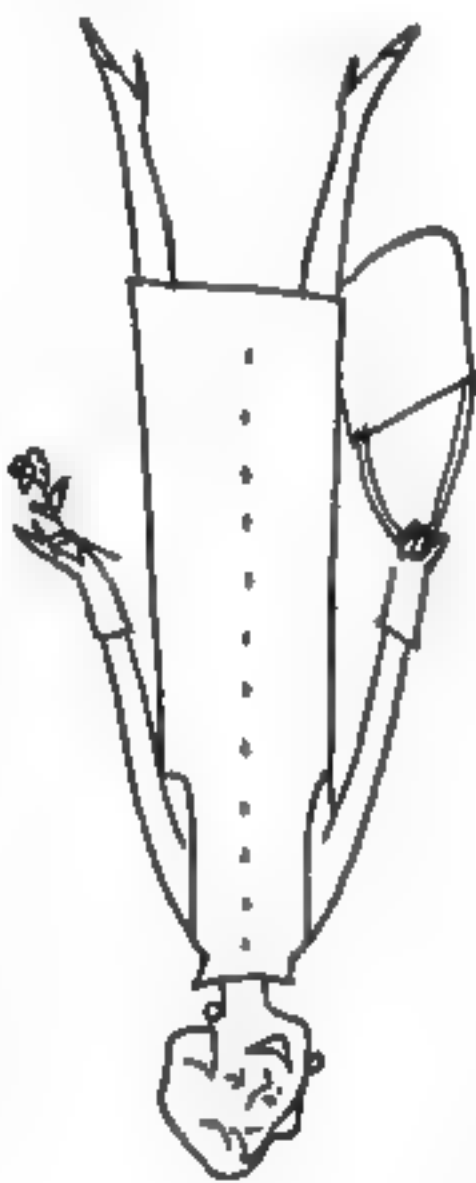
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"Womanpower is intuition. When her psychic bids don't work, she admits she had a hunch they wouldn't."

"Womanpower is. Even in a chemise."







**MAKING LONG GAIN.** Dawkins catches pass and starts a 20-yard run in the South Carolina game. Army end (89) moves in to run interference.

**PETE DAWKINS**

unveiled it with theatrical effect. Obeying an order to charge up a steep slope, he forged past his bone-weary mates, blasting loudly on his horn as he climbed.

As soon as football season began, Dawkins' lot as a pliebec became a little easier. At the training table he could eat without having to stop between bites to quote General John Schofield's 1879 address to the cadet corps. Out on the field, however, it became evident that Dawkins had indeed been playing silk-stocking football. Here the boys were far bigger and tougher than they had been at Cranbrook School. He was a southpaw quarterback who could not throw passes and he was weak on defense. Dawkins did not distinguish himself at pliebec football, but that only made him dig in and try harder. It was the same when Dawkins went out for hockey, a game he had never played before. Within two years he became Army's hockey star and the highest scoring defenseman in the east.

By the start of his second year Dawkins' flair for managing and influencing those around him had manifested itself, and he was elected class president, a lifetime office. His ambition, aggressiveness, personality and intelligence showed in everything he did. Above all, they showed in his reputation among the other cadets.

Each West Point class is divided into sections according to grades. In the first section, where Dawkins dwells, it is easy to become known as a "fileboner," one who strives too hard to get ahead. "File-boners" are held in contempt by the "goats" down in the last section, who spread ugly rumors about how the smart ones fight to show off at the blackboard and break the points of each other's pencils. But most of Dawkins' friends were down among the "goats," and they defensively insisted that Pete could not help being smart.

"They knew, too, that he broke regulations by studying in hallway doors after 'lights out,'" making a dash for bed at the first sound of footsteps. As a yearling (sophomore) Dawkins also broke regulations by keeping a bar bell in his room. Between workouts he concealed it by hiding the flat weights under his pillow and strapping the bar to the rail of his bed nearest the wall.

Dawkins' first real authority as a cadet came on the summer trip to Fort Benning, Ga. at the end of his second year. For 14 days he was given provisional status as regimental commander, responsible for seeing that every cadet on maneuvers got his job done. Dawkins did so well that in his third year he was made color corporal, the highest honor a second-classman can hold. But what pleased him far more was finally making the grade last year in football. "It's hard for me to place anything over being a football player," Dawkins says emphatically. "Everything stemmed from football."

CONTINUED

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Immaculate in their white gloves, white trousers and gray dress coats, Dawkins' group exposed their fatigue-clad rookie battalion to

record class of 811 plebes reporting to Beast Barracks, Dawkins & Co. five days of intensive training. When the bell rang on July 1, with a what you're going to do." Back at the Point he put his detail through a plebe. This is what I'm going to have to ask you to do—and this is him. "You can do that with an animal," he explained, "but not with explained that taking away a plebe's food was not really disciplining water. Why should the rules be different for the new crop? Dawkins they had to get along occasionally on a salt pill and a glass of water. There was grumbling. His fellow cadets complained that as plebes cy: the incoming plebes would be guaranteed three full meals a day. stepped off on the right foot," he said. He also announced a new poli- classmen who would be under him. "We're going to get these fellows Okla., on a class tour of Army bases, he held a meeting of the upper- after night he worked until 2 a.m. organizing details. At Fort Sill, Dawkins closed his mind to everything but the job ahead. Night

### A surprising new policy

alds would be in charge the second half. or "King of the Beasts," for the first half of Beast Barracks. Crin- new plebes came in July. Dawkins was the cadet officer in charge, depend on their respective performances at Beast Barracks when the Grinals. Dawkins seemed to be the favorite, but the decision would being considered for first captain, along with a classmate named John By the end of his third year it was obvious that Dawkins was lution that 1958's Navy game would be another story.

strings to get it." He thanked his teammates and made a silent reso- him at the Point: "If leadership comes, accept it. But never pull Dawkins was pleased and proud. One rule had been pounded into who wanted Dawkins.

kings voted for center Bill Rowe, but he was outvoted by the men the outgoing captain, called for a meeting to elect a successor. Daw- disaster, he went over his game, mistake by mistake, until Jim Kernan, coming back from Philadelphia, the season having ended in a 14-0 self running the wrong way and missing key blocks. On the train was a day Dawkins would like to forget. Three times he found him- gained 63 of the miserable 88 yards Army made rushing. But that Against Navy, more a military mission than a football game, he As Army's top pass receiver, he added 225 more.

determination, Dawkins tore through opposing lines for 665 yards. drive. Having hoisted himself out of the silk-stocking class by sheer fast, but what Coach Blaik particularly liked was his competitive back. He had finally brought his weight up to 195 pounds and he was season before, he suddenly blossomed last fall as first-string half- After having alternated between the fourth and fifth teams the

### PETE DAWKINS CONTINUED

DATE FOR WEEKEND, Judy Wright, was escorted by Pete to a Satur- day night dance in gymnasium. Dawkins has no really steady girl friend.



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**PETE DAWKINS** CONTINUED

the mysteries of MA (manual of arms), DD (dismounted drill), IQ (interior guard), CC (customs and courtesies) and EH (ethics-honor). Battalion Commander Dawkins moved from platoon to platoon, checking everything. He raked offending squad leaders over the coals. When a first-classman withheld food from a platoon, he got 10 demerits and 14 hours' confinement. That ended that nonsense.

On Dawkins' wall were businesslike charts, including a garbage graph showing the amount of food wasted each day. "The general has one," Dawkins figured, "so I might as well have one too." His company commanders called him at all hours with reports. He seldom got to bed before 3 a.m.

Normally about 35 platoons ask to be sent home during the first month of Basic Barracks, but only 12 approached Dawkins. "That's a sad story," he told them unsympathetically. "But we don't let you resign until 60 days are up. Get back and shine your shoes." At the end of his tour of duty only two platoons had been sent home—four medical reasons—and the other 809 put on the snappiest platoon parade ever seen at West Point.

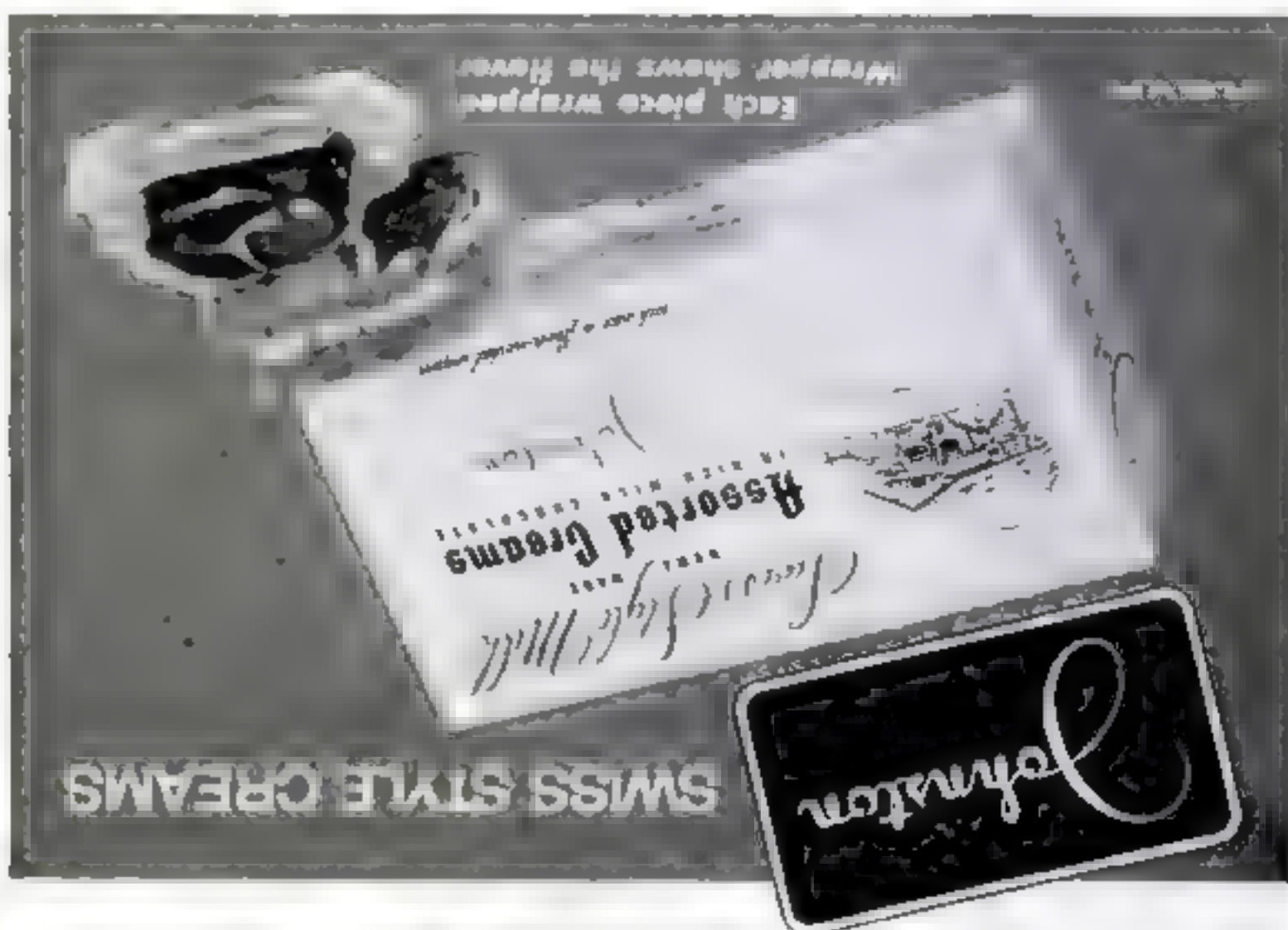
Dawkins, 18 pounds lighter from his efforts, went on a much-needed leave. When he came back for football practice, he seemed genuinely surprised to learn that he had been appointed first captain. "I thought I might get a good rank," Dawkins says, "but I never thought I would get the brigade."

His chores as cadet leader, the commandant told him, would include organizing the cheer leaders, guiding honor committee meetings and maintaining high morale and discipline within the corps. But there was also a new chore for the new first captain. To ease the transition from academy life to regular army life, first-classmen were now to be given more weekends, more privileges and more responsibility. Much of this program would be left to Dawkins' discretion. The first captain enthusiastically endorsed the new policy. "I'm opposed," Dawkins said, "to keeping cadets cloistered up here in these hallowed gray walls, then suddenly unzipping them in June and turning them loose on the world." Between going to class, studying, getting banged around at football, sitting up until 2 a.m. on honor boards and changing uniforms eight times a day ("I must do something about all those uniform changes," he says), he is doing his best to bring about this major change in cadet life.

But his major interest, like that of all good Army football captains, is this year's Navy game. He does not even know for sure what branch of service he will choose after graduation—infantry or Air Force (which will continue to take some West Pointers even though it now has its own academy). But Football Coach Earl Blaik, himself a graduate of West Point, has a clearer idea of Dawkins' ultimate destination. "I can practically prophesy," says Blaik, "that someday, if he stays in the Army, Dawkins will be Chief of Staff."

**PETE DAWKINS** CONTINUED

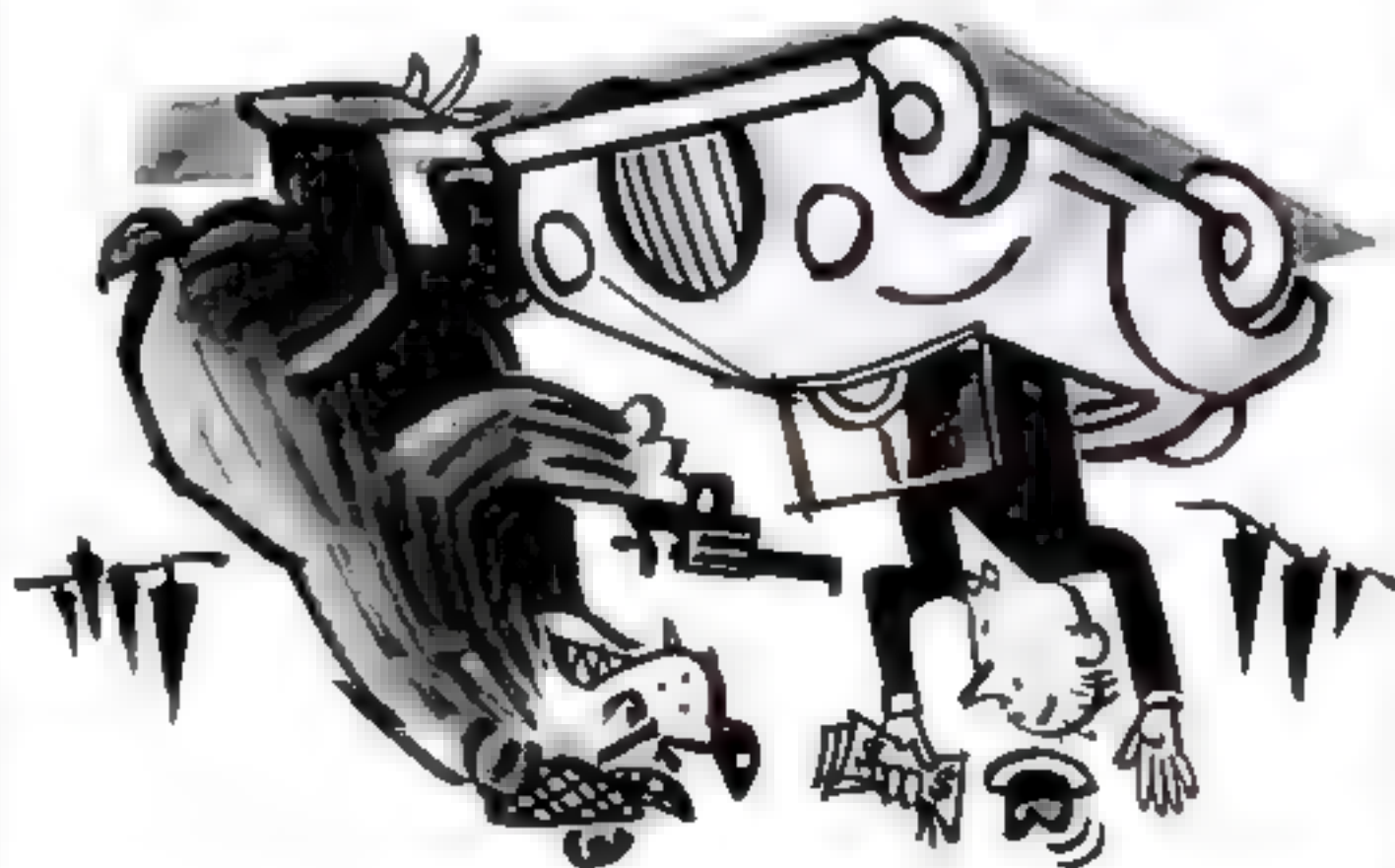
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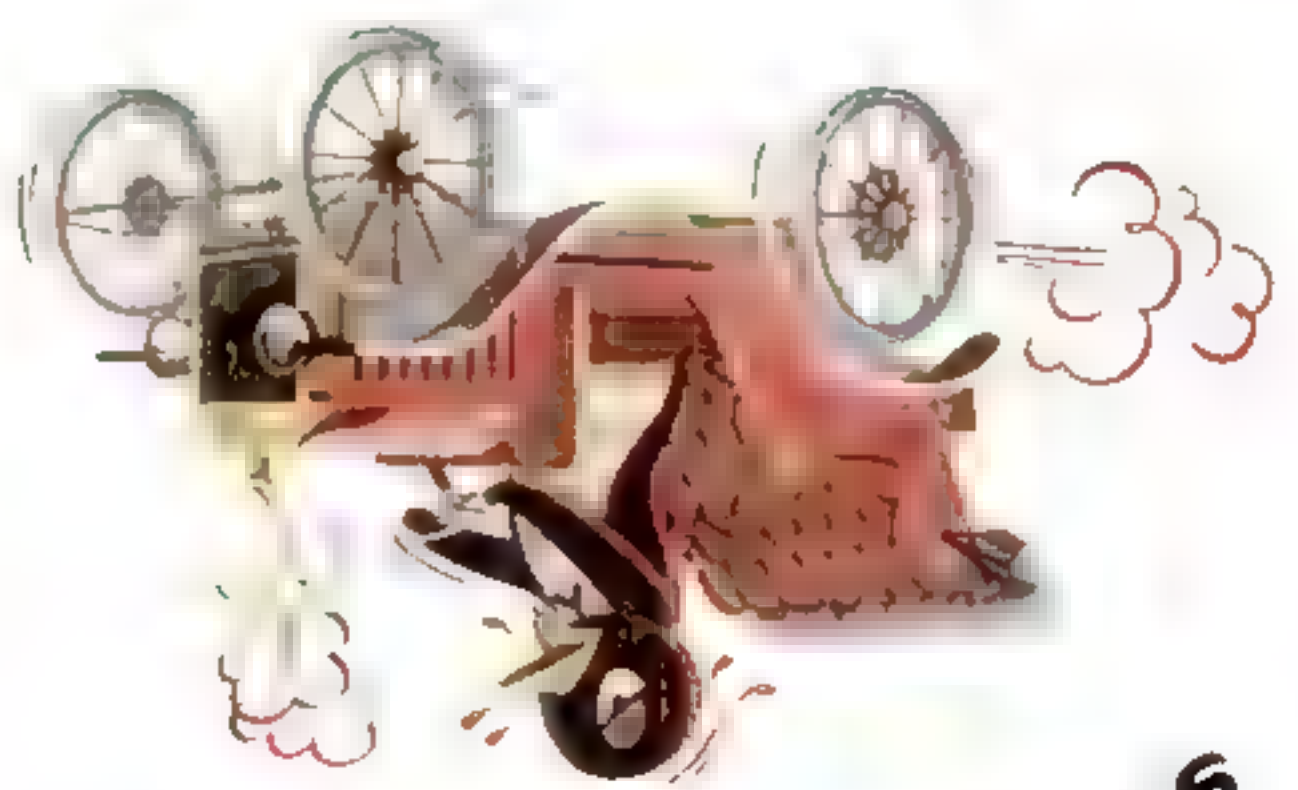
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# Philharmonic's Fling

BERNSTEIN GETS PARTY AFTER NEW-TYPE CONCERT

Shortly after the staid New York Philharmonic got off on its 117th season last week, its new permanent conductor came down off the podium, perched at a piano and crooned *If here Oh If here Are the Post-Moderns?* It was an old eye song the orchestra's new chief, 10-year-old Leonard Bernstein, learned at Harvard and it was a tune American composer Charles Ives had worked into his *Second Symphony* which was next on the program. Playing this then, explaining how it fitted into the symphony, Bernstein talked to the fashionable Carnegie Hall audience in the wise and witty manner that made his TV show famous.

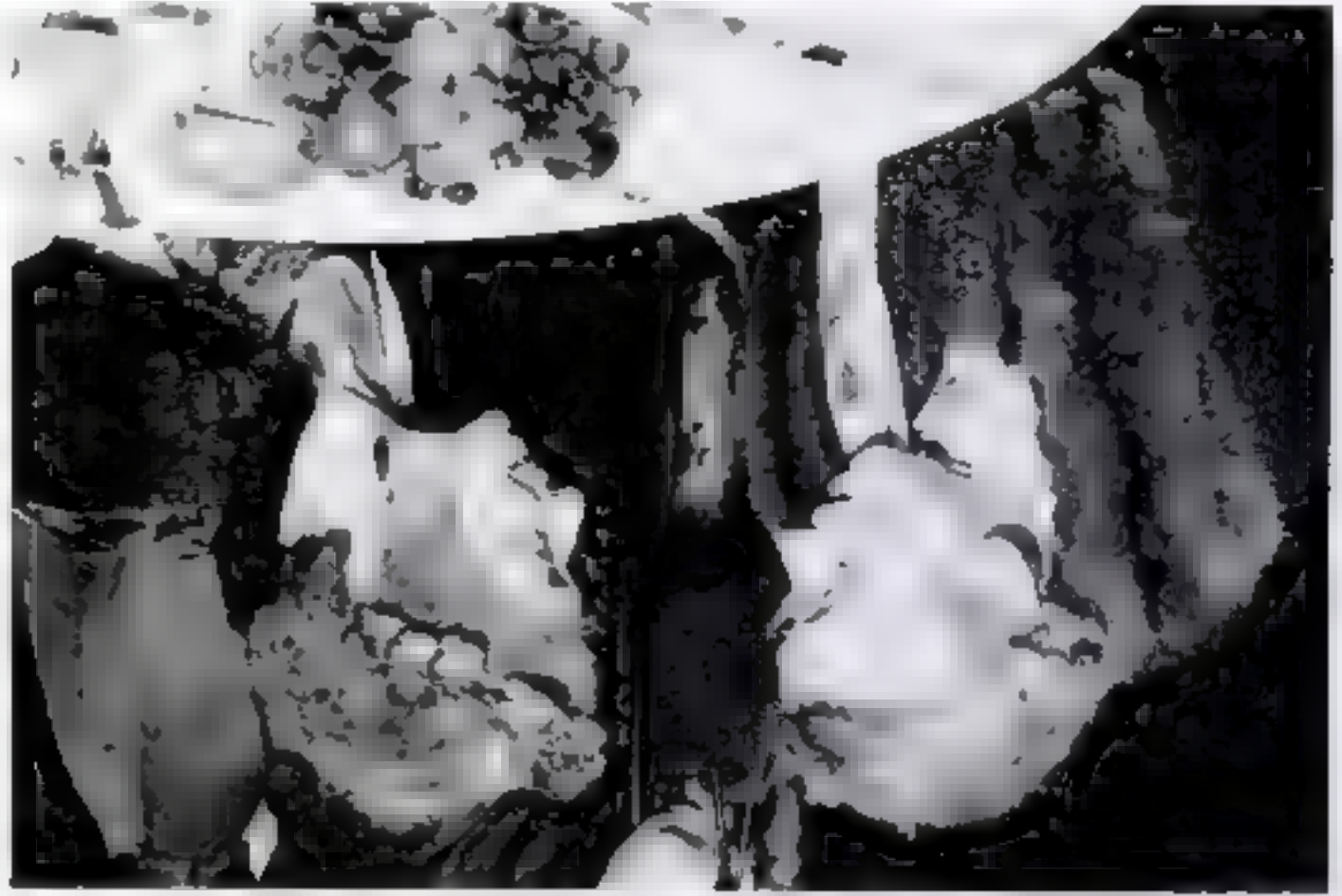
Bernstein, who will use his music and talk a show song by composer Leonard Bernstein, his pretty wife *tright* to a tune he knew well hours to get out on the floor and waltz with had energy enough left in the early morning al, the concert and the party, Bernstein still theater pats cracked even after the rehearsal treat's concert for adults too, one of his excellent young conductor, Now Levine's got orchestra with showered congratulations on the with the socially prominent subscribers of the he picked up writing Broadway musicals moved it's premiere. There the show business comes praise for it at the party after the Philharmonic's through the season, heard a lot of lavish technique at each of his Thursday night con-

AT PARTY BERNSTEIN DANCES WITH WIFE TO HIS "WEST SIDE STORY" SONG, "I FEEL PRETTY" ←





LONG, TERRY FANS, Miss Malvide Weber, 91, a concert-goer since 1890, and her sister Miss Frances Weber like the idea of "new blood" leading our hosts.



HOST AT PARTY at the Plaza Hotel, Pl. Harmon's President David Kayser (left) Boettger and four wives are congratulated by Mrs. John T. Pratt (center).



ORCHESTRA SI PORTERS, former Ambassador Lewis Douglas (left) and John B. Ryan III (right) met around table with Mr. Ryan's mother and wife.



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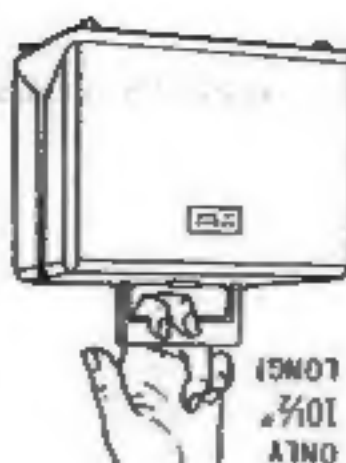


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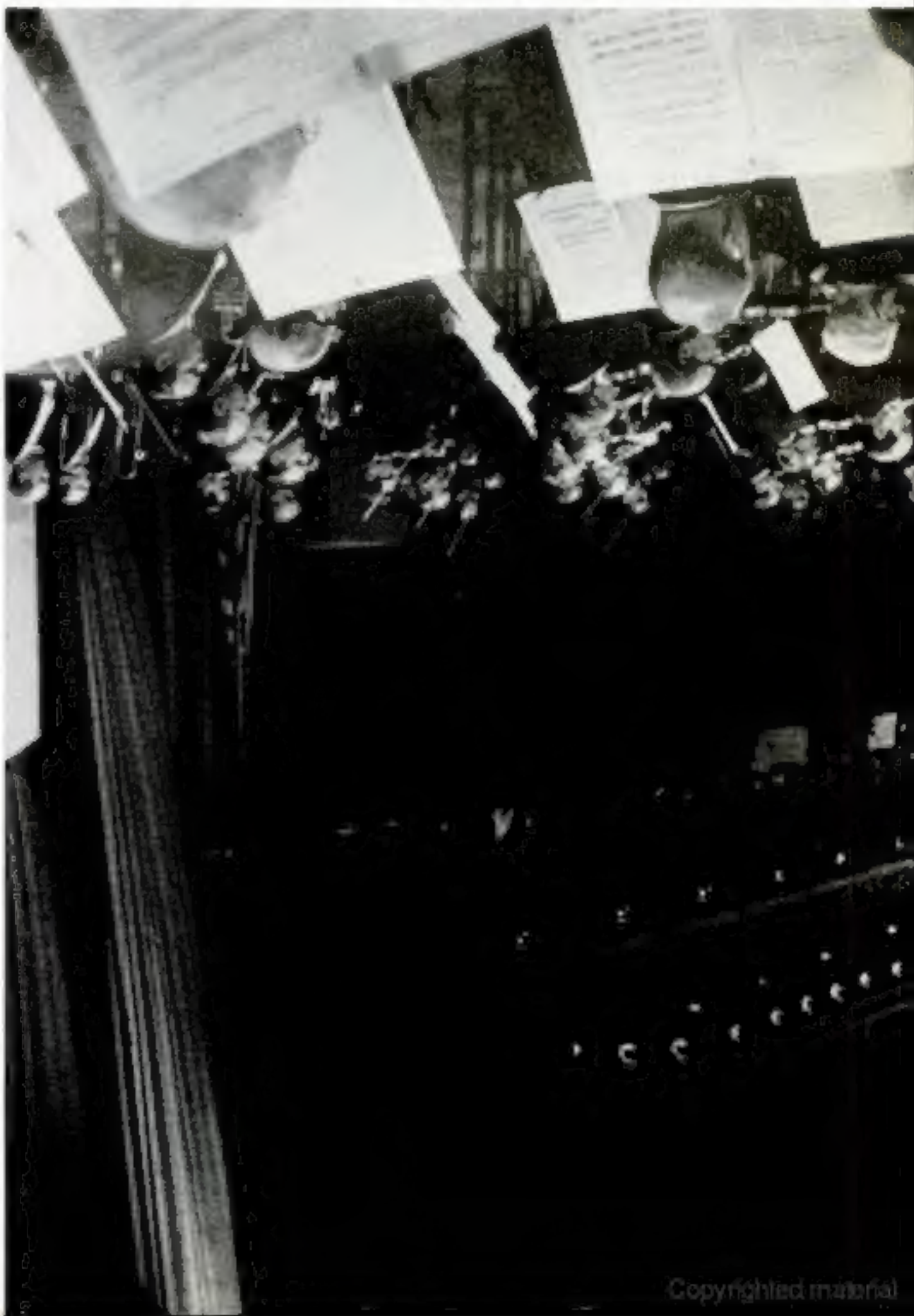
share table as she tells him he is almost as good at acting as at conducting.



**BROADWAY FRIENDS** at Bernstein party were Composer Jule Styne and heiress-actress Gloria Vanderbilt Lunel, former wife of Leopold Stokowski.



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13th Demi-Brigade of the French Foreign Legion, operating out of their headquarters at Sidi Bel Abbes, came upon the animal abandoned and starving in a field. The donkey was too weak to stand, so one of the legionnaires picked the animal up and, reversing the roles of all the centuries, went back to headquarters packing the pack animal upon his back.





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*Canadian Club*

stay with it all evening long . . . in short ones before dinner, tall ones after. Canadian Club is made by Hiram Walker, now celebrating 100 years of distilling leadership. It's "The Best In The House" in 87 lands.

Why this whisky's worldwide popularity? Only Canadian Club has a distinctive flavor that captures in one great whisky the lightness of scotch and the smooth satisfaction of bourbon. That's why no other whisky in all the world tastes quite like it. You can

**3. "We made our getaway just in the nick. Later the elephant was shot and we found out why he'd charged me. One- by poachers' spears. The scent of a man enraged him."**

**2. "Armed with only a small-caliber rifle, I'd been stalking gazelle for the camp pot. This wasn't elephant country. But when I looked around, there was Jumbo. Six tons of him. And coming straight for me!"**

**4. "Good thing we didn't stall. Read said. And when we got to the hotel at Nairobi later, he toasted our good luck with Canadian Club."**



## I ran for my life from this Elephant On The Warpath

Another adventure in one of the 87 lands where Canadian Club is "The Best In The House"

**1. "No sound on earth is more frightening than the sudden trumpeting of an African elephant at close range," writes Julian Sutton, an American friend of Canadian Club. "I heard that sound last month on safari south of Nairobi, in Kenya. A charging elephant can outdistance a safari car in a sprint. I had only seconds to reach Norman Read, my white hunter. Read had seconds to get us out of there."**





A new idea in smoking!

# Salem refreshes your taste

• menthol fresh

• rich tobacco taste

• modern filter, too



Peace and solitude by a mountain pool, and the cigarette to go with it...Salem! Yes, Salem refreshes your taste as a Spring day refreshes you. Through its pure-white filter flows the freshest taste in cigarettes. Rich tobacco taste with surprise softness...new smoking ease and comfort. Smoke refreshed...Smoke Salem!

Created by R. J. Reynolds Tobacco Company